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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention
[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé MC* et *Xpresspost MC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of April 18, 2017 contains applications open to public inspection from April 2, 2017 to April 8, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 18 avril 2017 contient les demandes disponibles au public pour consultation pour la période du 2 avril 2017 au 8 avril 2017.

Canadian Patents Issued

April 18, 2017

Brevets canadiens délivrés

18 avril 2017

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[54] **HUMAN AMINOACYL-TRNA SYNTHETASE POLYPEPTIDES USEFUL FOR THE REGULATION OF ANGIOGENESIS**
[54] **POLYPEPTIDES HUMAINS D'AMINOACYL-ARNT SYNTHETASE UTILES POUR REGULER L'ANGIOGENESE**
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[73] THE SCRIPPS RESEARCH INSTITUTE, US
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[72] SOLOMON, LAWRENCE, CA
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[54] **SYSTEM AND PROCESS TO ENSURE PERFORMANCE OF MANDATED SAFETY AND MAINTENANCE INSPECTIONS**
[54] **SYSTEME ET PROCESSUS ASSURANT L'EFFICACITE D'INSPECTIONS MANDATEES DE SECURITE ET DE MAINTENANCE**
[72] MANEGOLD, ERIC S., US
[72] RUSSELL, ROBIE G., US
[72] BRINTON, WILLIAM JR., US
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[54] **SYSTEM AND METHOD FOR NAVIGATING CONTENT IN AN ITEM**
[54] **SYSTEME ET METHODE DE NAVIGATION DANS LE CONTENU D'UN ELEMENT**
[72] STABB, CHARLES W., US
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[72] HEDRICK, MARC H., US
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[54] **METHODE ET APPAREIL DE DETECTION DES ANOMALIES RESISTIVES**
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[54] **INSTALLATION DE GENOMES OU DE GENOMES PARTIELS DANS DES CELLULES OU DES SYSTEMES DE TYPE CELLULES**
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[54] **PEPTIDES SYNTHETIQUES UTILES POUR TRAITER LA PEAU ET LEUR UTILISATION DANS LES COMPOSITIONS COSMETIQUES OU DERMOPHARMACEUTIQUES**
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[54] **PROCEDE ET SYSTEME DE SURVEILLANCE D'UN FLUIDE QUI S'ECOULE DANS UN CONDUIT ET PROCEDE DE PRODUCTION D'UN FLUIDE D'HYDROCARBURES**
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[54] **BOITE DE PARQUET METALLIQUE AVEC PLATE-FORME SURELEVEE NON METALLIQUE POURVUE D'UNE COLLERETTE**
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[54] **METHOD AND DEVICE FOR ATTACHING A STENT STRUCTURE TO AAA GRAFT MATERIAL**
[54] **METHODE ET DISPOSITIF DE FIXATION D'ENDOPROTHESE A UNE GREFFE AAA**
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[54] **GELLED HYDROCARBONS FOR OILFIELD PROCESSES. PHOSPHATE ESTER COMPOUNDS USEFUL IN GELLATION OF HYDROCARBONS AND METHODS FOR PRODUCTION AND USE THEREOF**
[54] **HYDROCARBURES GELIFIES POUR PROCEDES EXECUTES DANS LES CHAMPS PETROLIFERES, COMPOSES A BASE D'ESTER PHOSPHORIQUE POUVANT SERVIR A LA GELIFICATION D'HYDROCARBURES ET METHODES DE PRODUCTION ET UTILISATIONS CONNEXES**
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[54] **ANALYSE DE CELLULES RARES AVEC RECOURS AU FRACTIONNEMENT D'ECHANTILLONS ET A DES MARQUEURS D'ADN**
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[54] **SYSTEME DE DETECTION DE DEGRADATION CHIMIQUE ET METHODE PERMETTANT DE REDUIRE LES DIFFICULTES PROPRES AUX PROCEDES DE CONTOURNEMENT**
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[54] **TRAITEMENT DE FARINE ET SEMOULE DE CEREALE POUR UNE CONSOMMATION PAR DES PATIENTS COELIAQUES**
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[54] **ASSEMBLAGE D'ADIPOCYTES SPECIFIQUES ET PROCEDES INHIBITEURS D'EXPRESSION DE 12-LIPOXYGENASE DE TYPE PLAQUETTE**
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[54] **TELECOMMANDE DE DISPOSITIF DE COUPURE DE SOUS-UNITE DE REGULATEUR DE MOTEUR**
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[54] **SYNCHRONISATION DE SYSTEMES DE SURVEILLANCE D'ARTICLE ELECTRONIQUE UTILISANT UN SIGNAL DE SATELLITE DE POSITIONNEMENT GLOBAL**
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[54] **PROCEDE DE FABRICATION D'UN MATERIAU COMPOSITE**
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[73] KAP MEDICAL, US
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[54] **DISPOSITIF ET PROCEDE DE CONTROLE EN CONTINU DE PERSONNES, DE VEHICULES, DE CONTENEURS OU DE COLIS**
[72] GUILLOT, LUDOVIC, FR
[72] REBOLI, ANNE, FR
[72] ABT, DOMINIQUE, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[73] REBOLI, ANNE, ZZ
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[54] **RACCORD DE TUYAUTERIE**
[72] TEODORIU, CATALIN, RO
[72] FRITZ, GERNOT, AT
[73] VOESTALPINE TUBULARS GMBH & CO KG, AT
[73] TEODORIU, CATALIN, ZZ
[73] FRITZ, GERNOT, ZZ
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[54] **NOVEL CROSS-LINKING MECHANISM FOR THIN ORGANIC COATINGS BASED ON THE HANTZSCH DIHYDROPYRIDINE SYNTHESIS REACTION**
[54] **NOUVEAU MECANISME DE RETICULATION POUR DES REVETEMENTS ORGANIQUES MINCES SUR LA BASE DE LA REACTION DE SYNTHESE DE LA DIHYDROPYRIDINE DE HANTZSCH**
[72] BAMMEL, BRIAN D., US
[72] SMITH, THOMAS S., II, US
[73] HENKEL AG & CO. KGAA, DE
[73] BAMMEL, BRIAN D., ZZ
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[54] **PROCEDE ET APPAREIL POUR L'EXAMEN DE SUJETS A LA RECHERCHE DE CONDITIONS PHYSIOLOGIQUES PARTICULIERES EN UTILISANT DES INFORMATIONS ACOUSTIQUES**
[72] HERSCOVICI-COHEN, SARAH, IL
[72] SCHNALL, ROBERT P., IL
[73] ITAMAR MEDICAL LTD., IL
[73] HERSCOVICI-COHEN, SARAH, ZZ
[73] SCHNALL, ROBERT P., ZZ
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[54] **CABINE BLINDEE POUR VEHICULE**
[72] BETTENCOURT, BENOIT, FR
[72] JACQUEMONT, JACKY, FR
[72] NOEL, CHRISTIAN, FR
[73] NEXTER SYSTEMS, FR
[73] BETTENCOURT, BENOIT, ZZ
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[54] **DETECTION DE PARTICULES**
[72] KNOX, RON, AU
[72] AJAY, KEMAL, AU
[72] BOETTGER, KARL, AU
[73] KNOX, RON, ZZ
[73] AJAY, KEMAL, ZZ
[73] BOETTGER, KARL, ZZ
[73] GARRETT THERMAL SYSTEMS LIMITED, GB
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[54] **ADDITIF POUR HUILE DE GRAISSAGE ET HUILE DE GRAISSAGE CONTENANT CET ADDITIF**
[72] NELSON, KENNETH D., US
[72] CHIVERTON, EDWARD A., GB
[73] CHEVRON ORONITE COMPANY LLC, US
[73] NELSON, KENNETH D., ZZ
[73] CHIVERTON, EDWARD A., ZZ
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[54] **SYSTEM AND METHOD FOR ACTIVATING ELECTROMECHANICAL SYSTEMS USING FLEXIBLE INTELLIGENT RADIO FREQUENCY MODULES**
[54] **SYSTEME ET PROCEDE D'ACTIVATION DE SYSTEMES ELECTROMECANIQUES VEHICULAIRES A L'AIDE DE MODULES RADIOFREQUENCES INTELLIGENTS FLEXIBLES**
[72] BARUCO, SAMUEL R., CA
[72] GRILLS, REGINALD C., CA
[72] BEDNARCHUK, THOMAS M., CA
[72] MATKIWSKY, YAROSLAW, CA
[72] RABINOVICH, VICTOR, CA
[73] FLEXTRONICS AUTOMOTIVE INC., CA
[73] BARUCO, SAMUEL R., CA
[73] GRILLS, REGINALD C., CA
[73] BEDNARCHUK, THOMAS M., CA
[73] MATKIWSKY, YAROSLAW, CA
[73] RABINOVICH, VICTOR, CA
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[54] **CONTINUOUS PRODUCTION OF CEREAL FLOUR AND WHOLE-CEREAL FLOUR FOR GRAIN-BASED FOODS USING A HIGH-SOLID CONDITIONING**
[54] **PRODUCTION CONTINUE DE FARINE DE CEREALE ET DE FARINE DE CEREALE COMPLETE POUR ALIMENTS A BASE DE GRAINS AU MOYEN D'UN CONDITIONNEMENT A HAUTE TENEUR EN SOLIDES**
[72] RUBIO, FELIPE A., US
[72] RUBIO, MANUEL J., US
[72] CONTRERAS, ROBERTO, MX
[72] SOSA, FRANCISCO, MX
[72] RAMIREZ, J. FERNANDO, MX
[72] LOBEIRA MASSU, RODRIGO, MX
[73] INVESTIGACION DE TECNOLOGIA AVANZADA, S.A. DE C.V., MX
[73] RUBIO, FELIPE A., ZZ
[73] RUBIO, MANUEL J., ZZ
[73] CONTRERAS, ROBERTO, ZZ
[73] SOSA, FRANCISCO, ZZ
[73] RAMIREZ, J. FERNANDO, ZZ
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[54] **PHOTOCHEMICAL INTERNALIZATION OF KINASE INHIBITORS**
[54] **INTERNALISATION PHOTOCHIMIQUE D'INHIBITEURS DE KINASE**
[72] HOGSET, ANDERS, NO
[72] WEYERGANG, ANETTE, NO
[72] SELBO, PAL KRISTIAN, NO
[72] BERG, KRISTIAN, NO
[72] JONES, ELIZABETH, LOUISE, GB
[73] PCI BIOTECH AS, NO
[73] HOGSET, ANDERS, ZZ
[73] WEYERGANG, ANETTE, ZZ
[73] SELBO, PAL KRISTIAN, ZZ
[73] BERG, KRISTIAN, ZZ
[73] JONES, ELIZABETH, LOUISE, ZZ
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[54] **MESURE DE DRAINABILITE**
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[73] SAREN, MATTI-PAAVO, ZZ
[73] VALMET AUTOMATION OY, FI
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[72] CHAWKI, MOKHTAR, FR
[73] NEPHROKIT, FR
[73] CHAWKI, MOKHTAR, ZZ
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[54] **ANTI-BAFFR ANTIBODIES, COMPOSITIONS AND PROCESSES FOR PRODUCTION THEREOF**
[54] **ANTICORPS ANTI-BAFFR, COMPOSITIONS ET PROCEDES DE PRODUCTION ASSOCIES**
[72] HEUSSER, CHRISTOPH, CH
[72] NEUGEBAUER, JULIA, DE
[72] SCHAADT, EVELINE, DE
[72] URLINGER, STEFANIE, DE
[72] WOISETSCHLAEGER, MAXIMILIAN, AT
[73] NOVARTIS AG, CH
[73] HEUSSER, CHRISTOPH, ZZ
[73] NEUGEBAUER, JULIA, ZZ
[73] SCHAADT, EVELINE, ZZ
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[73] WOISETSCHLAEGER, MAXIMILIAN, ZZ
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[54] **METHOD AND DEVICE FOR OBTAINING A PLANTAR IMAGE AND DOUBLE-SIDED MACHINING OF THE INSOLE THUS OBTAINED**
[54] **PROCEDE ET DISPOSITIF DE CAPTURE D'IMAGE PLANTAIRE ET USINAGE DOUBLE FACE DE LA SEMELLE OBTENUE SELON CE PROCEDE**
[72] ALFARO SANTAFE, VICTOR, ES
[72] ALFARO SANTAFE, JAVIER, ES
[72] LANUZA CERZOCIMO, CARLA, ES
[72] PERERO LORENZ, ANGEL, ES
[72] MARIN ZURDO, JOSE JAVIER, ES
[72] HUERTAS TALON, JOSE LUIS, ES
[72] VALDIVIA CALVO, FRANCISCO, ES
[72] AGUILAR MARTIN, JUAN JOSE, ES
[72] GUILLONIA SANBARTOLOME, DAVID, ES
[72] CAJAL HERNANDO, CARLOS, ES
[73] PODO ACTIVA, S.L., ES
[73] ALFARO SANTAFE, VICTOR, ZZ
[73] ALFARO SANTAFE, JAVIER, ZZ
[73] LANUZA CERZOCIMO, CARLA, ZZ
[73] PERERO LORENZ, ANGEL, ZZ
[73] MARIN ZURDO, JOSE JAVIER, ZZ
[73] HUERTAS TALON, JOSE LUIS, ZZ
[73] VALDIVIA CALVO, FRANCISCO, ZZ
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[54] **SYSTEME, CONVERTISSEUR ET PROCEDE POUR UNE DISTRIBUTION SUR UNE LARGE ZONE DE CONTENU AUDIO D'URGENCE SUPERVISE**
[72] LONTKA, KAREN D., US
[72] BARSKY, LEV M., US
[72] STRELECKI, PAUL, US
[73] SIEMENS INDUSTRY, INC., US
[73] LONTKA, KAREN D., ZZ
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[54] **METHOD AND APPARATUS FOR MANUFACTURE OF A POLYMER FILM, WHICH IS ORIENTED UNDER AN ANGLE TO ITS LONGITUDINAL DIRECTION**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN FILM POLYMERE ORIENTE SELON UN CERTAIN ANGLE PAR RAPPORT A SA DIRECTION LONGITUDINALE**
[72] RASMUSSEN, OLE-BENDT, CH
[72] RASMUSSEN, NIKOLAJ WETTERGREN, CH
[73] RASMUSSEN, OLE-BENDT, CH
[73] RASMUSSEN, NIKOLAJ WETTERGREN, ZZ
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[54] **APPAREIL DE MASSAGE**
[72] BLENK, UDO, DE
[72] STOEHR, STEFAN, DE
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[73] STOEHR, STEFAN, DE
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[54] **PROCESS FOR THE SYNTHESIS OF EZETIMIBE AND INTERMEDIATES USEFUL THEREFOR**
[54] **PROCEDE POUR LA SYNTHESE D'EZETIMIBE ET INTERMEDIARIES UTILES POUR UNE TELLE SYNTHESE**
[72] MRAVLJAK, JANEZ, SI
[72] SOVA, MATEJ, SI
[72] KOVAC, ANDREJA, SI
[72] GOBEC, STANISLAV, SI
[72] CASAR, ZDENKO, SI
[73] LEK PHARMACEUTICALS D.D., SI
[73] MRAVLJAK, JANEZ, ZZ
[73] SOVA, MATEJ, ZZ
[73] KOVAC, ANDREJA, ZZ
[73] GOBEC, STANISLAV, ZZ
[73] CASAR, ZDENKO, ZZ
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[54] **COMPOSITES CATALYTIQUES CONTENANT DU TITANE ET DU CALCAIRE EXEMPT DE DIOXYDE DE TITANE**
[72] ANCORA, RENATO, IT
[72] BORSA, MASSIMO, IT
[72] MARCHI, MAURIZIO ILER, IT
[73] ITALCEMENTI S.P.A., IT
[73] ANCORA, RENATO, ZZ
[73] BORSA, MASSIMO, ZZ
[73] MARCHI, MAURIZIO ILER, ZZ
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[54] **APPARATUS AND METHODS FOR ACCESSING AND REMOVING MATERIAL FROM BODY LUMENS**
[54] **APPAREIL ET PROCEDES POUR ACCEDER A ET ENLEVER UN MATERIAU A PARTIR DE LUMIERES CORPORELLES**
[72] KROLIK, JEFFREY A., US
[72] DREHER, JAMES H., US
[72] WATANABE, GWENDOLYN, US
[73] INCEPT, LLC, US
[73] KROLIK, JEFFREY A., ZZ
[73] DREHER, JAMES H., ZZ
[73] WATANABE, GWENDOLYN, ZZ
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[25] EN
[54] **TREATMENT OF VAGINAL ATROPHY IN WOMEN WITH TUMOR PATHOLOGY RISK**
[54] **TRAITEMENT D'UNE ATROPHIE VAGINALE CHEZ LES FEMMES AVEC RISQUE DE PATHOLOGIE TUMORALE**
[72] ACEBRON FERNANDEZ, ALVARO, ES
[72] BLANCO LOUSAME, DOLORES, ES
[72] MOSCOSO DEL PRADO, JAIME, ES
[72] NIETO MAGRO, CONCEPCION, ES
[73] ACEBRON FERNANDEZ, ALVARO, ZZ
[73] BLANCO LOUSAME, DOLORES, ZZ
[73] MOSCOSO DEL PRADO, JAIME, ZZ
[73] NIETO MAGRO, CONCEPCION, ZZ
[73] ITF RESEARCH PHARMA, S.L.U., ES
[85] 2011-02-02
[86] 2009-08-07 (PCT/EP2009/060307)
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[25] EN
[54] **SQUARAMIDE DERIVATIVES AND THEIR USE AS CXCR2 ANTAGONISTS**
[54] **DERIVES DE SQUARAMIDE ET LEUR UTILISATION COMME ANTAGONISTES CXCR2**
[72] BAETTIG, URS, GB
[72] D'SOUZA, ANNE-MARIE, GB
[72] HUNT, PETER, GB
[72] PRESS, NEIL JOHN, GB
[72] WATSON, SIMON JAMES, GB
[73] NOVARTIS AG, CH
[73] BAETTIG, URS, ZZ
[73] D'SOUZA, ANNE-MARIE, ZZ
[73] HUNT, PETER, ZZ
[73] PRESS, NEIL JOHN, ZZ
[73] WATSON, SIMON JAMES, ZZ
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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPRESSION OF TRADE-RELATED RECORDS IDENTIFYING A SAME SECURITY, ACCOUNT OR SIDE**
[54] **SYSTEMES ET METHODES DE COMPRESSION DE REGISTRES DE TRANSACTIONS CORRESPONDANT A UN MEME NIVEAU DE SECURITE, COMPTE OU COTE**
[72] HIRANI, MOHAMED, CA
[72] PITT, ROBERT BRUCE, US
[72] STOOP, ERIC JONATHAN, US
[72] CHEUNG, LIAM, CA
[73] HIRANI, MOHAMED, CA
[73] PITT, ROBERT BRUCE, ZZ
[73] STOOP, ERIC JONATHAN, ZZ
[73] CHEUNG, LIAM, CA
[73] TACTICO INC., CA
[86] (2733053)
[87] (2733053)
[22] 2011-03-02
[30] US (12/716,690) 2010-03-03

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[51] **Int.Cl. G06Q 40/04 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMPRESSION OF TRADE-RELATED RECORDS FROM MULTIPLE MARKETS**
[54] **SYSTEMES ET METHODES DE COMPRESSION DE REGISTRES DE TRANSACTIONS DE PLUSIEURS MARCHES**
[72] CHEUNG, LIAM, CA
[72] HIRANI, MOHAMED, CA
[72] PITT, ROBERT BRUCE, US
[72] STOOP, ERIC JONATHAN, US
[73] CHEUNG, LIAM, CA
[73] HIRANI, MOHAMED, CA
[73] PITT, ROBERT BRUCE, ZZ
[73] STOOP, ERIC JONATHAN, ZZ
[73] TACTICO INC., CA
[86] (2733318)
[87] (2733318)
[22] 2011-03-02
[30] US (12/716,682) 2010-03-03

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[54] **CIRCUIT RF INTEGRE EMBARQUE A BORD D'UN SATELLITE, ET MUNI D'UN SYSTEME DE COMMANDE THERMIQUE ACTIONNE PAR UN SIGNALD'ALARME GENERE PAR L'ENERGIE REFLECHIE**
[72] TONELLO, EMILE, FR
[72] PACAUD, DAMIEN, FR
[72] LACOMBE, JEAN-CLAUDE, FR
[73] THALES, FR
[73] TONELLO, EMILE, ZZ
[73] PACAUD, DAMIEN, ZZ
[73] LACOMBE, JEAN-CLAUDE, ZZ
[86] (2733323)
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[54] **COMPOSITIONS PHARMACEUTIQUES CONFIGUREES POUR DISSUADER LE FRACTIONNEMENT DES FORMES POSOLOGIQUES**
[72] SHAH, MANISH S., US
[72] DIFALCO, RAY J., US
[73] INSPIRION DELIVERY TECHNOLOGIES, LLC, US
[73] SHAH, MANISH S., ZZ
[73] DIFALCO, RAY J., ZZ
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[54] **ENVELOPPE A SCELLEMENT AUTOMATIQUE POUR PROTHESES GONFLABLES**
[72] SCHUESSLER, DAVID J., US
[73] SCHUESSLER, DAVID J., ZZ
[73] ALLERGAN, INC., US
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[54] **COMPOSES TRIAZOLOPYRIDINE COMME INHIBITEURS DE LA PIM KINASE**
[72] ALLEN, SHELLEY, US
[72] CELESTE, LAURA L., US
[72] DAVIS, T. GREGG, US
[72] DELISLE, ROBERT KIRK, US
[72] GRESCHUK, JULIE MARIE, US
[72] GROSS, STEFAN D., US
[72] HICKEN, ERIK JAMES, US
[72] JACKSON, LEILA J., US
[72] LYSSIKATOS, JOSEPH P., US
[72] KALLAN, NICHOLAS C., US
[72] MARMSAETER, FREDRIK P., US
[72] MUNSON, MARK C., US
[72] PHENEGER, JED, US
[72] RAST, BRYSON, US
[72] ROBINSON, JOHN E., US
[72] SCHLACHTER, STEPHEN T., US
[72] TOPALOV, GEORGE T., US
[72] WRIGHT, A. DALE, US
[72] ZHAO, QIAN, US
[73] ARRAY BIOPHARMA INC., US
[73] ALLEN, SHELLEY, ZZ
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[73] GRESCHUK, JULIE MARIE, ZZ
[73] GROSS, STEFAN D., ZZ
[73] HICKEN, ERIK JAMES, ZZ
[73] JACKSON, LEILA J., ZZ
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[54] **DISPOSITIF DE MICROPROCESSEUR ANALYTIQUE JETABLE**
[72] KRIZ, DARIO, SE
[72] KRIZ, KIRSTIN ANN, SE
[73] LIFEASSAYS AB, SE
[73] KRIZ, DARIO, ZZ
[73] KRIZ, KIRSTIN ANN, ZZ
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[54] **MODULATORS OF MYC, METHODS OF USING THE SAME, AND METHODS OF IDENTIFYING AGENTS THAT MODULATE MYC**
[54] **MODULATEURS DE MYC, PROCEDES D'UTILISATION DE CES DERNIERS ET PROCEDES D'IDENTIFICATION D'AGENTS MODULANT MYC**
[72] REFAELI, YOSEF, US
[72] TURNER, BRIAN CURTIS, US
[73] TAIGA BIOTECHNOLOGIES, INC., US
[73] REFAELI, YOSEF, ZZ
[73] TURNER, BRIAN CURTIS, ZZ
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[54] **TAPIS A FAIBLE POIDS ET DALLE DE TAPIS ET PROCEDES DE FABRICATION, DE DIMENSIONNEMENT ET D'INSTALLATION**
[72] JONES, STUART, US
[72] HOBBS, JAMES, US
[72] SHEPPARD, JOEL, US
[72] WOODS, JAMES, US
[72] BRADFORD, JOHN P., US
[72] JONES, WILLIAM N., US
[73] INTERFACE, INC., US
[73] JONES, STUART, ZZ
[73] HOBBS, JAMES, ZZ
[73] SHEPPARD, JOEL, ZZ
[73] WOODS, JAMES, ZZ
[73] BRADFORD, JOHN P., ZZ
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[54] **AN INSERTER**
[54] **DISPOSITIF D'INTRODUCTION**
[72] LYYTIKAEINEN, HEIKKI, FI
[72] JUTILA, ILKKA, FI
[72] CALVO ALONSO, ULLA, FI
[72] JUKARAINEN, HARRI, FI
[72] TJAEDER, TAINA, FI
[72] MACLEOD, ANDREW, GB
[72] NOBLE, MICHAEL, GB
[72] WHITAKER, DAVID, GB
[73] BAYER OY, FI
[73] LYYTIKAEINEN, HEIKKI, ZZ
[73] JUTILA, ILKKA, ZZ
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[54] **POLYARYLENE COMPOSITIONS HAVING ENHANCED FLOW PROPERTIES**
[54] **COMPOSITIONS DE POLYARYLENE PRESENTANT DES PROPRIETES D'ECOULEMENT AMELIOREES**
[72] SRIRAM, SURESH, US
[72] CLARK, BRUCE J., US
[72] PLITHIDES, GREGORY C., US
[73] SRIRAM, SURESH, ZZ
[73] CLARK, BRUCE J., ZZ
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[73] SOLVAY ADVANCED POLYMERS, L.L.C., US
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[54] **DISPOSITIF DE CAPSULORHEXIS A ELEMENT CHAUFFANT SOUPLE**
[72] JIA, GUANGYAO, US
[72] SUSSMAN, GLENN ROBERT, US
[73] ALCON RESEARCH, LTD., US
[73] JIA, GUANGYAO, ZZ
[73] SUSSMAN, GLENN ROBERT, ZZ
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[54] **ADAPTATEURS ET ENTRETOISES DE FILTRE DE FOUR**
[72] LIVINGSTONE, DAVID E., CA
[72] KLASSEN, DARRYL F., CA
[72] BECKETT, DAVID A., CA
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[73] LIVINGSTONE, DAVID E., CA
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[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'UN PRODUIT BRUT**
[72] FARSHID, DARUSH, US
[72] REYNOLDS, BRUCE, US
[72] CHABOT, JULIE, US
[72] KOU, BO, US
[72] BRENNAN, VIVION ANDREW, US
[72] MARIS, ERIN, US
[72] YANG, SHUWU, US
[72] BISWAS, GOUTAM, US
[72] CHEN, KAIDONG, US
[72] NGUYEN, JOSEPH V., US
[72] BRAIT, AXEL, US
[72] BHADURI, RAHUL S., US
[72] KUPERMAN, ALEXANDER E., US
[73] FARSHID, DARUSH, ZZ
[73] REYNOLDS, BRUCE, ZZ
[73] CHABOT, JULIE, ZZ
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[73] BRENNAN, VIVION ANDREW, ZZ
[73] MARIS, ERIN, ZZ
[73] YANG, SHUWU, ZZ
[73] BISWAS, GOUTAM, ZZ
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[73] NGUYEN, JOSEPH V., ZZ
[73] BRAIT, AXEL, ZZ
[73] BHADURI, RAHUL S., ZZ
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[73] CHEVRON U.S.A. INC., US
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[54] **PROSTHETIC HEART VALVE CONFIGURED TO RECEIVE A PERCUTANEOUS PROSTHETIC HEART VALVE IMPLANTATION**
[54] **VALVULE CARDIAQUE PROTHETIQUE CONFIGUREE POUR ACCUEILLIR UNE IMPLANTATION DE VALVULE CARDIAQUE PROTHETIQUE PERCUTANEE**
[72] KONNO, MARK, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
[73] KONNO, MARK, ZZ
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[54] **SECHEUR YANKEE POUR SECHER UN MATELAS DE PATE**
[72] BAUBOECK, JOERG, AT
[72] TROPPER, GERNOT, AT
[73] ANDRITZ AG, AT
[73] BAUBOECK, JOERG, ZZ
[73] TROPPER, GERNOT, ZZ
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[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE PRODUITS A DES ANIMAUX**
[72] JACKSON, JANET R., US
[72] VAN BLADEREN, PETER, CH
[73] NESTEC S.A., CH
[73] JACKSON, JANET R., ZZ
[73] VAN BLADEREN, PETER, ZZ
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[54] **WATER SEPARATOR**
[54] **SEPARATEUR D'EAU**
[72] MOE, FRIDTHJOF, NO
[73] MOE, FRIDTHJOF, NO
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[54] **AGENCEMENT CONCU POUR ANALYSE SPECTRALE DE CONCENTRATIONS ELEVEES DE GAZ**
[72] MARTIN, HANS GOERAN EVALD, SE
[72] ZYRIANOV, PAVEL, SE
[73] SENSEAIR AB, SE
[73] MARTIN, HANS GOERAN EVALD, ZZ
[73] ZYRIANOV, PAVEL, ZZ
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[54] **PROCESS FOR COATING, ADHESIVE BONDING AND BINDING OF MINERAL SURFACES**
[54] **PROCEDE POUR ENDUIRE, COLLER ET RELIER DES SURFACES MINERALES**
[72] ALEMDAROGLU, FIKRI EMRAH, DE
[72] HAGEN, CHRISTIAN, DE
[72] LEBERFINGER, MARCUS, DE
[73] BASF SE, DE
[73] ALEMDAROGLU, FIKRI EMRAH, ZZ
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[54] **PHASE CONTROL APPARATUS**
[54] **CONTROLEUR DE PHASE**
[72] OBATAKE, TAKAYOSHI, JP
[73] MAEDA METAL INDUSTRIES, LTD., JP
[73] OBATAKE, TAKAYOSHI, ZZ
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[54] **DISPOSABLE BAG COMPRISING A MULTILAYER FILM**
[54] **SACHET A USAGE UNIQUE COMPORTANT UNE FEUILLE MULTICOUCHES**
[72] HERRENBAUER, MICHAEL, DE
[72] WEIS, MANFRED, DE
[72] KUGELMANN, FRANZ, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[73] HERRENBAUER, MICHAEL, ZZ
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[54] **SYSTEME ET PROCEDE DE PILOTAGE DE TRANSDUCTEURS ULTRASONIQUES**
[72] HOFFMAN, DAVID, US
[72] BRUBAKER, DAVID, US
[73] VERSATILE POWER,INC., US
[73] HOFFMAN, DAVID, ZZ
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[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DYNAMIQUE A PRESSION REDUITE**
[72] OLSON, JONATHAN SCOTT, US
[73] OLSON, JONATHAN SCOTT, ZZ
[73] KCI LICENSING, INC., US
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[54] **DISPOSITIF DE SECURITE AVEC DECHARGE AUTOMATIQUE DE LA BATTERIE A LA FIN DE SA DUREE DE VIE**
[72] SILVER, TRAVIS, US
[72] BURNETTE, STAN, US
[72] BUCHHOLZ, MATTHEW J., US
[73] SILVER, TRAVIS, ZZ
[73] BURNETTE, STAN, ZZ
[73] BUCHHOLZ, MATTHEW J., ZZ
[73] WALTER KIDDE PORTABLE EQUIPMENT INC., US
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[54] **AUTOMATIC BAG SLITTER, AND METHOD OF USE THEREOF**
[54] **DECOUPEUSE AUTOMATIQUE DE SAC ET METHODE D'UTILISATION**
[72] CARON, FRANCOIS, CA
[72] JAGAN, NAVAM, CA
[72] LASNIER, PATRICE, CA
[73] LUXME HOLDING INC., CA
[73] CARON, FRANCOIS, CA
[73] JAGAN, NAVAM, CA
[73] LASNIER, PATRICE, CA
[86] (2741247)
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[54] **PROCESS FOR PREPARING CHLORINS AND BACTERIOCHLORINS AND THEIR PHARMACEUTICAL USES**
[54] **PROCEDE DE PREPARATION DE CHLORES ET DE BACTERIOCHLORES ET LEURS USAGES PHARMACEUTIQUES**
[72] DA SILVA ARNAUT MOREIRA, LUIS GUILHERME, PT
[72] MIGUENS PEREIRA, MARIA, PT
[72] FORMOSINHO SANCHES SIMOES, SEBASTIAO JOSE, PT
[72] MAGALHAES SIMOES, SERGIO PAULO, PT
[72] URBANSKA, KRYSTYNA, PL
[72] STOCHEL, GRAZYNIA, PL
[73] BLUEPHARMA - INDUSTRIA FARMACEUTICA, S.A., PT
[73] DA SILVA ARNAUT MOREIRA, LUIS GUILHERME, ZZ
[73] MIGUENS PEREIRA, MARIA, ZZ
[73] FORMOSINHO SANCHES SIMOES, SEBASTIAO JOSE, ZZ
[73] MAGALHAES SIMOES, SERGIO PAULO, ZZ
[73] URBANSKA, KRYSTYNA, ZZ
[73] STOCHEL, GRAZYNIA, ZZ
[73] UNIVERSIDADE DE COIMBRA, PT
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[54] **COMPOSITION DE SELS MELANGES ET PROCEDE D'UTILISATION**
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[72] POE, JERRY, US
[73] THIMMESCH, KEVIN, ZZ
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[54] **CELLULES, PRODUITS DE CONSTRUCTION D'ACIDE NUCLEIQUE, CELLULES COMPRENANT LESDITS PRODUITS DE CONSTRUCTION ET METHODES UTILISANT LESDITES CELLULES DANS LE TRAITEMENT DE MALADIES**
[72] BUESCHER, DIRK, ES
[72] DE LA ROSA, OLGA, ES
[72] LOMBARDO, ELEUTERIO, ES
[73] BUESCHER, DIRK, ZZ
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[54] **NOUVEAU MATERIAU INTERMEDIAIRE DESTINE A LIMITER LES MICROFISSURATIONS DE PIECES COMPOSITES**
[72] BERAUD, JEAN-MARC, FR
[72] HENRAT, PATRICK, FR
[73] HEXCEL REINFORCEMENTS, FR
[73] BERAUD, JEAN-MARC, ZZ
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[72] DAVIS, LOU A., US
[73] GLOBAL HEALTHCARE EXCHANGE, LLC, US
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[72] HAIDER, GERHARD, DE
[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
[73] HAIDER, GERHARD, ZZ
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[54] **PROCEDE ET APPAREIL POUR AMORTIR DES VAGUES DANS UNE PISCINE A VAGUES**
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[72] ETTINGER, HENDRICK DIRK VAN, NL
[72] BASTENHOF, DIRK, NL
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[54] **CONNEXIONS ELECTRIQUES ROTATIVES ET PROCEDES D'UTILISATION ASSOCIES**
[72] SIHLER, JOACHIM, GB
[72] OOI, HOE SENG, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[73] SIHLER, JOACHIM, ZZ
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[54] **ADDITIFS POUR GAZEIFIEUR POUR UNE DUREE DE VIE DE REFRACTAIRE AMELIOREE**
[72] MESCHTER, PETER JOEL, US
[72] DIMASCIO, PAUL STEPHEN, US
[73] GENERAL ELECTRIC COMPANY, US
[73] MESCHTER, PETER JOEL, ZZ
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[72] THUMA, MICHAEL, US
[72] ANDERSON, TORRENCE, US
[72] VOGLER, MICHAEL R., US
[73] SUNCAST TECHNOLOGIES, LLC, US
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[54] **APPAREIL ET PROCEDE PERMETTANT DE COMBINER DES CONSTITUANTS POUR ARTICLES A FUMER**
[72] TALLIER, BERNARD, CH
[72] LOUVET, ALEXIS, CH
[73] PHILIP MORRIS PRODUCTS S.A., CH
[73] TALLIER, BERNARD, ZZ
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[73] NILSEN, INGE SVERRE LUND, ZZ
[73] ARAGON AS, NO
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[72] DUNNE, PAUL, IE
[72] IVES, JAMES, IE
[73] OPENHYDRO IP LIMITED, IE
[73] DUNNE, PAUL, ZZ
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[54] **NOUVELLES PYRAZOLOPYRIDINES A SUBSTITUTION ALIPHATIQUE ET LEUR UTILISATION**
[72] SCHIROK, HARTMUT, DE
[72] GRIEBENOW, NILS, DE
[72] FUERSTNER, CHANTAL, DE
[72] MITTENDORF, JOACHIM, DE
[72] STASCH, JOHANNES-PETER, DE
[72] WUNDER, FRANK, DE
[72] HEITMEIER, STEFAN, DE
[73] SCHIROK, HARTMUT, ZZ
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[54] **TRAITEMENT DE L'ATROPHIE VAGINALE CHEZ DES FEMMES SOUFFRANT D'UN RISQUE DE PATHOLOGIE CARDIOVASCULAIRE**
[72] ACEBRON FERNANDEZ, ALVARO, ES
[72] BLANCO LOUSAME, DOLORES, ES
[72] MOSCOSO DEL PRADO, JAIME, ES
[72] NIETO MAGRO, CONCEPCION, ES
[73] ACEBRON FERNANDEZ, ALVARO, ZZ
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[54] **GICLEUR A VALVE INTEGREE ET SYSTEME D'EXTINCTION D'INCENDIE FAISANT APPEL A CE DERNIER**
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[54] **UTILISATION D'ACIDES GRAS COMME MATIERE D'ALIMENTATION DANS LE PROCEDE POLYOL**
[72] BENECKE, HERMAN PAUL, US
[72] GARBARK, DANIEL B., US
[72] VIJAYENDRAN, BHIMA RAO, MY
[73] BATTELLE MEMORIAL INSTITUTE, US
[73] BENECKE, HERMAN PAUL, ZZ
[73] GARBARK, DANIEL B., ZZ
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[54] **PROCEDE ET DISPOSITIF AMELIORES POUR LA PROSPECTION SISMIQUE AQUATIQUE**
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[73] KIETTA, FR
[73] MANIN, MICHEL, ZZ
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[54] **SUPPORT DE BIOPSIE SECTIONNABLE PAR MICROTOME POUR ORIENTER DES ECHANTILLONS DE TISSU**
[72] WILLIAMSON, WARREN P., IV, US
[72] WHITLATCH, STEPHEN P., US
[72] SAEZ, CARLOS A., US
[73] BIOPATH AUTOMATION, L.L.C., US
[73] WILLIAMSON, WARREN P., IV, ZZ
[73] WHITLATCH, STEPHEN P., ZZ
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[73] FREDERICK, THOMAS J., ZZ
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PROCEDE DE CONTROLE DE L'HUMIDITE ET DE LA TEMPERATURE LORS D'UNE OPERATION D'ONDULATION**
[72] KOHLER, HERBERT B., US
[73] HBK FAMILY, LLC, US
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[72] FOLKVANG, JORN, NO
[73] FOLKVANG, JORN, ZZ
[73] CAMERON SYSTEMS AS, NO
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[54] **PROCEDE DE RECUPERATION OU DE STOCKAGE**
[72] FOUNDAS, EMMANUEL, AU
[72] BRESNEHAN, RODNEY MICHAEL, AU
[73] CFT TECHNOLOGIES (HK) LIMITED, CN
[73] FOUNDAS, EMMANUEL, ZZ
[73] BRESNEHAN, RODNEY MICHAEL, ZZ
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[54] **APPAREIL ET PROCEDE D'EVACUATION DE L'EAU DE COUVERCLES D'ANTENNES PARABOLIQUES**
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[73] WALTON ENTERPRISES, INC., US
[73] WALTON, WILLIAM D., ZZ
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[54] **DISPOSITIF ET PROCEDE FAISANT INTERVENIR UNE CENTRIFUGATION POUR EXTRAIRE UN LIQUIDE ET MOYEN DE COMPENSATION DE PERTE DE CHALEUR**
[72] PERENTES, ALEXANDRE, CH
[72] JARISCH, CHRISTIAN, CH
[72] COLANTONIO, JEAN-LUC, CH
[72] STRUZKA, ZBYNEK, CH
[73] NESTEC S.A., CH
[73] PERENTES, ALEXANDRE, ZZ
[73] JARISCH, CHRISTIAN, ZZ
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[54] **COMPOSITIONS DE REVETEMENT EPOXY LIEES PAR FUSION QUI COMPRENNENT DE L'OXYDE DE MAGNESIUM**
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[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[73] SMITH, MARK A., ZZ
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[54] **DISPOSITIFS D'INTERCONNEXION DE FIBRES OPTIQUES ET SYSTEMES LES UTILISANT**
[72] BURNHAM, WILLIAM ROBERT, US
[72] COOKE, TERRY LEE, US
[72] DEAN, DAVID LEE, JR., US
[72] KLAVUHN, TORY ALLEN, US
[72] UGOLINI, ALAN WILLIAM, US
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[54] **REINFORCED NATURAL OR CONGLOMERATED STONE PLATE-LIKE ELEMENT AND MULTILAYERED PROTECTIVE COATING THEREOF**
[54] **ELEMENT DE TYPE DALLE DE PIERRE NATURELLE OU AGGLOMEREE RENFORCE ET SON REVETEMENT PROTECTEUR MULTICOUCHE**
[72] SANCHIS BRINES, FRANCISCO ANTONIO, ES
[72] SCHONEVELD, ERIK, ES
[73] SILICALIA, SL, ES
[73] SANCHIS BRINES, FRANCISCO ANTONIO, ZZ
[73] SCHONEVELD, ERIK, ZZ
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[25] FR
[54] **QUICK STATIC DECANTER FOR PRETHICKENING WATER TREATMENT SLUDGE, AND PLANT INCLUDING SUCH A DECANTER**
[54] **DECANTEUR STATIQUE POUR PRE-EPAISSISSEMENT DES BOUES DE TRAITEMENT D'EAU, ET INSTALLATION COMPORTANT UN TEL DECANTEUR**
[72] DESCAMPS, PATRICK, FR
[72] PREVOT, CLAUDE, FR
[72] HAUBRY, ANDRE, FR
[73] DEGREMONT, FR
[73] DESCAMPS, PATRICK, ZZ
[73] PREVOT, CLAUDE, ZZ
[73] HAUBRY, ANDRE, ZZ
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[54] **COPOLYMERS FOR INTRAOCULAR LENS SYSTEMS**
[54] **COPOLYMERES DESTINES A DES SYSTEMES DE LENTILLES INTRAOCULAIRES**
[72] LIAO, XIUGAO, US
[73] VISIOGEN, INC., US
[73] LIAO, XIUGAO, ZZ
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[25] EN
[54] **CONTROLLING UNDER SURFACE HEATING/COOLING**
[54] **COMMANDE DE SYSTEME DE CHAUFFAGE/REFROIDISSEMENT AU SOL**
[72] JONSSON, ULF, SE
[72] VOGEL, ANDREAS, DE
[73] UPONOR INNOVATION AB, SE
[73] JONSSON, ULF, ZZ
[73] VOGEL, ANDREAS, ZZ
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[25] EN
[54] **USE OF SYNTHETIC AND BIOLOGICAL FUNGICIDES IN COMBINATION FOR CONTROLLING HARMFUL FUNGI**
[54] **UTILISATION COMBINEE DE FONGICIDES SYNTHETIQUES ET BIOLOGIQUES POUR LUTTER CONTRE LES CHAMPIGNONS NUISIBLES**
[72] SCHERER, MARIA, DE
[72] KLAPPACH, KRISTIN, DE
[72] HADEN, EGON, DE
[73] SCHERER, MARIA, ZZ
[73] KLAPPACH, KRISTIN, ZZ
[73] HADEN, EGON, ZZ
[73] BAYER CROPSCIENCE LP, US
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[25] EN
[54] **PROCESS AND APPARATUS FOR POUCH-FORMING WITH OPTIMIZED FILL-ACCURACY AND HEADSPACE**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE SACHET AVEC VIDE ET PRECISION DE REMPLISSAGE OPTIMISES**
[72] PETERSON, JASON G., US
[72] SCHUTTE, JOSHUA MICHAEL, US
[73] LIQUI-BOX CORPORATION, US
[73] PETERSON, JASON G., ZZ
[73] SCHUTTE, JOSHUA MICHAEL, ZZ
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[25] EN
[54] **SYSTEM AND METHODS FOR AUTOMATICALLY ACCESSING A WEB SITE ON BEHALF OF A CLIENT**
[54] **SYSTEME ET PROCEDES PERMETTANT D'ACCEDER AUTOMATIQUEMENT A UN SITE WEB POUR LE COMPTE D'UN CLIENT**
[72] MANOHAR, PRADHEESH, IN
[72] NALWAYA, PRASHANT, IN
[72] AGRAWAL, PRASHANT KUMAR, IN
[73] YODLEE, INC., US
[73] MANOHAR, PRADHEESH, ZZ
[73] NALWAYA, PRASHANT, ZZ
[73] AGRAWAL, PRASHANT KUMAR, ZZ
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[25] EN
[54] **PROCESS FOR PRODUCING CARBON NANOFIBRES AND/OR CARBON NANOTUBES**
[54] **PROCEDE DE PRODUCTION DE NANOFIBRES DE CARBONE ET/OU DE NANOTUBES DE CARBONE**
[72] HOEKSTRA, J., NL
[72] GEUS, JOHN WILHELM, NL
[72] JENNESKENS, L. W., NL
[73] BASF CORPORATION, US
[73] HOEKSTRA, J., ZZ
[73] GEUS, JOHN WILHELM, ZZ
[73] JENNESKENS, L. W., ZZ
[85] 2011-08-26
[86] 2010-03-01 (PCT/NL2010/050100)
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[25] EN
[54] **NON-STEROIDAL ANTI-INFLAMMATORY OPHTHALMIC COMPOSITIONS**
[54] **COMPOSITIONS OPHTALMIQUES ANTI-INFLAMMATOIRES NON STEROIDIENNES**
[72] HOSSEINI, KAMRAN, US
[72] BOWMAN, LYLE M., US
[72] SI, ERWIN C., US
[72] PHAM, STEPHEN, US
[73] INSITE VISION INCORPORATED, US
[73] HOSSEINI, KAMRAN, ZZ
[73] BOWMAN, LYLE M., ZZ
[73] SI, ERWIN C., ZZ
[73] PHAM, STEPHEN, ZZ
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[54] **METHOD FOR TREATMENT OF CROP WITH AN ENCAPSULATED PESTICIDE**
[54] **PROCEDE POUR TRAITEMENT DE CULTURE AVEC UN PESTICIDE ENCAPSULE**
[72] BRAHM, LUTZ, DE
[72] GLADWIN, ROBERT JOHN, GB
[72] HABER, JOSEF, DE
[72] SOWA, CHRISTIAN, DE
[72] FINCH, CHARLES W., US
[72] VOLZ, PETRA, DE
[72] KOPLIN, TOBIAS JOACHIM, DE
[73] BASF SE, DE
[73] BRAHM, LUTZ, ZZ
[73] GLADWIN, ROBERT JOHN, ZZ
[73] HABER, JOSEF, ZZ
[73] SOWA, CHRISTIAN, ZZ
[73] FINCH, CHARLES W., ZZ
[73] VOLZ, PETRA, ZZ
[73] KOPLIN, TOBIAS JOACHIM, ZZ
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[25] EN
[54] **ANTIBODIES AGAINST A PROLIFERATING INDUCING LIGAND (APRIL)**
[54] **ANTICORPS CONTRE LE LIGAND A INDUISANT LA PROLIFERATION (APRIL)**
[72] MEDEMA, JAN PAUL, NL
[72] EENENNAAM, VAN HANS, NL
[72] GUADAGNOLI, MARCO, NL
[72] KIMBERLEY, FIONA CLARE, NL
[72] PHAN, UYEN TRUONG, US
[73] MEDEMA, JAN PAUL, ZZ
[73] EENENNAAM, VAN HANS, ZZ
[73] GUADAGNOLI, MARCO, ZZ
[73] KIMBERLEY, FIONA CLARE, ZZ
[73] PHAN, UYEN TRUONG, ZZ
[73] ADURO BIOTECH HOLDINGS, EUROPE B.V., NL
[85] 2011-09-01
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[25] EN
[54] **METHOD OF DIRECT STEAM GENERATION USING AN OXYFUEL COMBUSTOR**
[54] **PROCEDE DE GENERATION DIRECTE DE VAPEUR UTILISANT UNE CHAMBRE D'OXYCOMBUSTION**
[72] ANDERSON, ROGER E., US
[72] PRONSKE, KEITH L., US
[72] PROPP, MURRAY, US
[73] CLEAN ENERGY SYSTEMS, INC., US
[73] ANDERSON, ROGER E., ZZ
[73] PRONSKE, KEITH L., ZZ
[73] PROPP, MURRAY, ZZ
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[25] EN
[54] **INSTANT DRIED NOODLES AND PROCESS FOR PRODUCING THE SAME**
[54] **NOUILLES DESHYDRATEES INSTANTANEES ET LEUR PROCEDE DE FABRICATION**
[72] NAGAYAMA, YOSHIAKI, JP
[73] SANYO FOODS CO., LTD., JP
[73] NAGAYAMA, YOSHIAKI, ZZ
[85] 2011-09-06
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[25] EN
[54] **OIL-BASED PREPARATION CONTAINING ANTIPROTOZOAL TRIAZINES AND ANTHELMINTIC CYCLODEPSIPEPTIDES**
[54] **PREPARATION A BASE D'HUILE CONTENANT DE LA TRIAZINE ANTIPROTOZOAIRES ET DES CYCLODEPSIPEPTIDES ANTHELMINTHIQUES**
[72] KANIKANTI, VENKATA-RANGARAO, DE
[72] HARDER, ACHIM, DE
[72] BACH, THOMAS, DE
[73] KANIKANTI, VENKATA-RANGARAO, ZZ
[73] HARDER, ACHIM, ZZ
[73] BACH, THOMAS, ZZ
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[25] FR
[54] **MOULDED CASING WITH ADDED PIPING**
[54] **CARTER MOULE AVEC TUYAUTERIES RAPPORTEES**
[72] AUGUSTIN, REMI, FR
[72] DEDIEU, GERARD, FR
[72] MAUHE, CHRISTIAN HENRI PAUL, FR
[73] HISPANO SUIZA, FR
[73] AUGUSTIN, REMI, ZZ
[73] DEDIEU, GERARD, ZZ
[73] MAUHE, CHRISTIAN HENRI PAUL, ZZ
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[54] **AMELIORATING AGENT FOR CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
[54] **AGENT D'AMELIORATION POUR LA BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE**
[72] MIZUSHIMA, TORU, JP
[73] LTT BIO-PHARMA CO., LTD., JP
[73] MIZUSHIMA, TORU, ZZ
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[25] EN
[54] **SYNTHESIS OF RESORCYLIC ACID LACTONES USEFUL AS THERAPEUTIC AGENTS**
[54] **SYNTHESE DE LACTONES D'ACIDE RESORCYLIQUE UTILES EN TANT QU'AGENTS THERAPEUTIQUES**
[72] WINSSINGER, NICOLAS, FR
[72] BARLUENGA, SOFIA, FR
[72] KARPLUS, MARTIN, US
[73] UNIVERSITE DE STRASBOURG, FR
[73] WINSSINGER, NICOLAS, ZZ
[73] BARLUENGA, SOFIA, ZZ
[73] KARPLUS, MARTIN, ZZ
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[54] **TWO STROKE INTERNAL COMBUSTION ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A DEUX TEMPS**
[72] BERNEKLEV, JOEL, SE
[72] BERGMAN, MIKAEL, SE
[73] HUSQVARNA AB, SE
[73] BERNEKLEV, JOEL, ZZ
[73] BERGMAN, MIKAEL, ZZ
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[54] **COMPOUND CONTAINED IN BLUE ROSE**
[54] **COMPOSE CONTENU DANS LA ROSE BLEUE**
[72] FUKUI, YUKO, JP
[72] TANAKA, YOSHIKAZU, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[73] FUKUI, YUKO, ZZ
[73] TANAKA, YOSHIKAZU, ZZ
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[25] EN
[54] **REFILLABLE NOTEBOOK WITH RELEASE MECHANISM**
[54] **CARNET RECHARGEABLE AVEC MECANISME DE DEGAGEMENT**
[72] BUSAM, EDWARD P., US
[72] HARRIS, RICHARD H., US
[72] CICENAS, CHRIS W., US
[73] BUSAM, EDWARD P., ZZ
[73] HARRIS, RICHARD H., ZZ
[73] CICENAS, CHRIS W., ZZ
[73] ACCO BRANDS CORPORATION, US
[86] (2756304)
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[25] EN
[54] **SALTS OF DEHYDROACETIC ACID AS A PYRITHIONE STABILIZER IN PLASTICS**
[54] **SELS D'ACIDE DEHYDRO-ACETIQUE UTILISES COMME STABILISANTS DU COMPOSE PYRITHIONE DANS LES PLASTIQUES**
[72] HALL, LARRY KENT, US
[72] KIMLER, JOSEPH, US
[72] RAO, LEI, US
[73] LONZA INC, US
[73] HALL, LARRY KENT, ZZ
[73] KIMLER, JOSEPH, ZZ
[73] RAO, LEI, ZZ
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[25] FR
[54] **AIR BLEED HAVING AN INERTIAL FILTER IN THE TANDEM ROTOR OF A COMPRESSOR**
[54] **PRELEVEMENT D'AIR AVEC FILTRE INERTIEL DANS LE ROTOR TANDEM D'UN COMPRESSEUR**
[72] BRILLET, CHRISTOPHE MICHEL GEORGES MARCEL, FR
[72] PORODO, JEROME YVES FELIX GILBERT, FR
[72] TARNOWSKI, LAURENT PIERRE, FR
[73] TURBOMECA, FR
[73] BRILLET, CHRISTOPHE MICHEL GEORGES MARCEL, ZZ
[73] PORODO, JEROME YVES FELIX GILBERT, ZZ
[73] TARNOWSKI, LAURENT PIERRE, ZZ
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[25] EN
[54] **REFRIGERATION PROCESS AND SYSTEM FOR RECOVERING COLD FROM METHANE REFRIGERANTS**
[54] **PROCEDE ET SYSTEME FRIGORIFIQUE POUR LA RECUPERATION DE LA FROIDEUR DU METHANE PAR DES FLUIDES FRIGORIGENES**
[72] CLODIC, DENIS, FR
[72] YOUNES, MOURAD, FR
[72] RIACHI, YOUSSEF, FR
[73] ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DE METHODES ET PROCESSUS INDUSTRIELS "ARMINES", FR
[73] CLODIC, DENIS, ZZ
[73] YOUNES, MOURAD, ZZ
[73] RIACHI, YOUSSEF, ZZ
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[86] 2010-03-29 (PCT/FR2010/050575)
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[54] **SUSPENSION DEVICE**
[54] **DISPOSITIF DE SUSPENSION**
[72] ANDERSSON, MATS, SE
[73] HAMMAR, LARS, SE
[73] ANDERSSON, MATS, ZZ
[85] 2011-11-02
[86] 2010-03-26 (PCT/SE2010/050336)
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[30] SE (0900598-4) 2009-05-04

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[25] FR
[54] **7-AZA-SPIRO[3.5]NONANE-7-CARBOXYLATE DERIVATIVES, PREPARATION THEREOF, AND THERAPEUTIC USE THEREOF**
[54] **DERIVES DE 7-AZA-SPIRO[3.5]NONANE-7-CARBOXYLATES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] ABOUABDELLAH, AHMED, FR
[72] CHEREZE, NATHALIE, FR
[72] FAYOL, AUDE, FR
[72] LOCHEAD, ALISTAIR, FR
[72] SAADY, MOURAD, FR
[72] VACHE, JULIEN, FR
[72] YAICHE, PHILIPPE, FR
[73] SANOFI, FR
[73] ABOUABDELLAH, AHMED, ZZ
[73] CHEREZE, NATHALIE, ZZ
[73] FAYOL, AUDE, ZZ
[73] LOCHEAD, ALISTAIR, ZZ
[73] SAADY, MOURAD, ZZ
[73] VACHE, JULIEN, ZZ
[73] YAICHE, PHILIPPE, ZZ
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[86] 2010-05-11 (PCT/FR2010/050914)
[87] (WO2010/130945)
[30] FR (09/02269) 2009-05-12

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[54] **BIOMATERIAU MULTIDIMENSIONNEL ET SON PROCEDE DE FABRICATION**
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[72] DELLOYE, CHRISTIAN, BE
[73] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE
[73] DUFRANE, DENIS, ZZ
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[54] **ARTICLE STRUCTURAL OU DECORATIF ET PROCEDE POUR SA FABRICATION**
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[73] SUOMEN LASINJALOSTUS OY, FI
[73] NIEMINEN, EMMI, ZZ
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[54] **PREPARATION IN SITU DE COMPOSITIONS DE REVETEMENT ANTIMICROBIENNES, APTES A ETRE RETIREES, A BASE DE PERACIDE, ET PROCEDES D'UTILISATION**
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[72] HOFFMANN, CHRISTIAN, US
[72] ERKENBRECHER, CARL W., JR., US
[72] SINICROPI, JOHN, US
[72] LEGER, LYNN, CA
[73] STAUFFER, CHRISTINA S., ZZ
[73] HOFFMANN, CHRISTIAN, ZZ
[73] ERKENBRECHER, CARL W., JR., ZZ
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[72] CAI, ZHIJUN, US
[72] BONTU, CHANDRA S., CA
[72] FONG, MO-HAN, CA
[72] VRZIC, SOPHIE, CA
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[73] BONTU, CHANDRA S., CA
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[54] **PRETRAITEMENT DE MATIERE LIGNOCELLULOSIQUE NON DERIVEE DU BOIS**
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[72] SVENSSON, SVEN-ERIK, SE
[72] MONAVARI, SANAM, SE
[72] KREUGER, EMMA, SE
[72] ZACCHI, GUIDO, SE
[73] SEKAB E-TECHNOLOGY AB, SE
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[54] **DERIVES D'IMIDAZOLE EN TANT QU'ANTAGONISTES DE MGLUR5**
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[72] LINDEMANN, LOTHAR, CH
[72] VIEIRA, ERIC, CH
[72] WICHMANN, JUERGEN, DE
[73] F. HOFFMANN-LA ROCHE AG, US
[73] JAESCHKE, GEORG, ZZ
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[54] **GESTION D'ENREGISTREMENTS DE CONTACT LIES CONTENANT DE L'INFORMATION PROVENANT D'ENREGISTREMENTS DE SOURCES MULTIPLES**
[72] SCHWEND, DIANA J., US
[72] MCCANN, ROBERT EMMETT, US
[72] TURNER, BENJAMIN JOHN, US
[73] SCHWEND, DIANA J., ZZ
[73] MCCANN, ROBERT EMMETT, ZZ
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[73] BLACKBERRY LIMITED, CA
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[54] **AMELIORATION DU DEMARRAGE DE PROCEDES DE RECUPERATION DE RESSOURCE**
[72] SCOTT, GEORGE R., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] SCOTT, GEORGE R., CA
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[54] **OBTURATEUR ELASTOMERE MICRO-USINE ET SYSTEMES DE POMPE**
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[72] CHOU, HOU-PU, US
[72] THORSEN, TODD A., US
[72] SCHERER, AXEL, US
[72] QUAKE, STEPHEN R., US
[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[73] BP CORPORATION NORTH AMERICA INC., US
[73] PAYNE, MICHAEL L., ZZ
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[54] **UTILISATION DE COMPOSITIONS COMPRENANT DE LA PROANTHOCYANIDINE RENFERMANT DES EXTRAITS DE PIN MARITIME FRANCAIS ET DES EXTRAITS DE CENTELLA ASIATICA POUR LE TRAITEMENT DE L'ATEROSCLEROSE**
[72] BELCARO, GIANNI, IT
[72] BURKI, CAROLINA, CH
[72] FERRARI, VICTOR, CH
[73] HORPHAG RESEARCH IP (PYC) LTD., CY
[73] BELCARO, GIANNI, ZZ
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[54] **DISPOSITIF DE CONTENTION DE PRIMATE**
[72] NAGATA, RYOICHI, JP
[73] SHIN NIPPON BIOMEDICAL LABORATORIES, LTD., JP
[73] NAGATA, RYOICHI, ZZ
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[72] BROCHER, MARKUS, DE
[72] KANTO OQUIST, CHARLOTTA, DE
[72] SIEVERLING, NATHALIE, DE
[73] BROCHER, MARKUS, ZZ
[73] KANTO OQUIST, CHARLOTTA, ZZ
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[54] **PROCEDE POUR LA PREPARATION DE DERIVES D'ACIDE 1-(2-HALOGENOBIPHENYL-4-YL)-CYCLOPROPANECARBOXYLIQUE**
[72] PIVETTI, FAUSTO, IT
[72] FORNARETTO, MARIA GIOIA, IT
[72] RE, MARCO, IT
[73] CHIESI FARMACEUTICI S.P.A., IT
[73] PIVETTI, FAUSTO, ZZ
[73] FORNARETTO, MARIA GIOIA, ZZ
[73] RE, MARCO, ZZ
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[72] BOSTON, ERIC JACQUES, FR
[72] BOURU, MICHEL ANDRE, FR
[72] JABLONSKI, LAURENT, FR
[72] JOLY, PHILIPPE GERARD EDMOND, FR
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[73] BOURU, MICHEL ANDRE, ZZ
[73] JABLONSKI, LAURENT, ZZ
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[72] ROSEN, LEON D., US
[73] VOVAN, JANE N., ZZ
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[54] **METHODES D'APPARIEMENT POUR LA PREPARATION DE LYMPHOCYTES T CYTOTOXIQUES ALLOREACTIFS**
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[73] PROMISING FUTURE, LLC, US
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[54] **AGENT DE REGENERATION OSSEUSE COMPRENANT DE LA GELATINE**
[72] HIRATSUKA, TAKAHIRO, JP
[72] OOYA, SHOUJI, JP
[72] NISHIMURA, ICHIRO, US
[73] FUJIFILM CORPORATION, JP
[73] HIRATSUKA, TAKAHIRO, ZZ
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[54] **GUIDE INTERACTIF DE PROGRAMMES DE TELEVISION PERMETTANT DE DETERMINER DES VALEURS D'ENTREE UTILISATEUR POUR DES CATEGORIES DEMOGRAPHIQUES**
[72] KNEE, ROBERT A., US
[72] REYNOLDS, STEVEN J., US
[72] ELLIS, MICHAEL D., US
[72] HASSELL, JOEL G., US
[73] KNEE, ROBERT A., ZZ
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[54] (20S,22E)-2-METHYLENE-19-NOR-22-ENE-1A,25-DIHYDROXYVITAMINE D3
[72] DELUCA, HECTOR F., US
[72] GRZYWACZ, PAWEL, US
[72] PLUM, LORI A., US
[72] CLAGETT-DAME, MARGARET, US
[73] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[73] DELUCA, HECTOR F., ZZ
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[54] STRUCTURES A REVETEMENT DE SURFACE ET PROCEDES
[72] IRVIN, RANDALL THOMAS, CA
[72] DAVIS, ELISABETH MELIKA, CA
[72] LI, DONG YANG, CA
[73] ARCH BIOPHYSICS, INC., CA
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[25] EN
[54] POLYESTER FIBER, METHOD FOR PRODUCING THE SAME, CLOTH, TEXTILE PRODUCT, AND POLYESTER FORMED ARTICLE
[54] FIBRES DE POLYESTER, PROCEDE POUR LA PRODUCTION DE FIBRES DE POLYESTER, TISSU, PRODUIT EN FIBRES, ET ARTICLE MOULE EN POLYESTER
[72] OGATA, NOBUAKI, JP
[72] UKUMA, AKIO, JP
[72] YASUMITU, RYOU, JP
[72] MORISHIMA, KAZUHIRO, JP
[72] FUKUSHIMA, TOMOKO, JP
[73] OGATA, NOBUAKI, ZZ
[73] UKUMA, AKIO, ZZ
[73] YASUMITU, RYOU, ZZ
[73] MORISHIMA, KAZUHIRO, ZZ
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[73] TEIJIN FRONTIER CO., LTD., JP
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[54] SYSTEME DE RELEVAGE AVANT, VEHICULE POURVU D'UN TEL SYSTEME, KIT POUR L'ASSEMBLER, ET METHODES D'ASSEMBLAGE ET D'OPERATION CORRESPONDANTES
[72] CHAMPAGNE, CHRISTIAN, CA
[72] DALOIS, JEROME, CA
[72] PRONOVOST, REJEAN, CA
[73] LES MACHINERIES PRONOVOST INC., CA
[73] CHAMPAGNE, CHRISTIAN, CA
[73] DALOIS, JEROME, CA
[73] PRONOVOST, REJEAN, CA
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[54] DISPOSITIF, SYSTEME ET PROCEDE D'ENREGISTREMENT ET D'AUTHENTIFICATION DE SIGNATURES MANUSCRITES ET D'ARCHIVAGE D'INFORMATIONS MANUSCRITES
[72] RAKAN, ALKHALAF, SA
[73] RAKAN, ALKHALAF, ZZ
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[72] CHERNOV-HARAEV, ARTEM NICOLAEVICH, RU
[73] SOUTORINE, MIKHAIL, ZZ
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[54] **CONVERSION D'UNE CHARGE CONTENANT DU CARBONE**
[72] KAUCHALI, SHEHZAAD, ZA
[73] UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG, ZA
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[54] **CHAMBRE DE COMBUSTION AVEC BOUGIE D'ALLUMAGE VENTILEE**
[72] BUNEL, JACQUES MARCEL ARTHUR, FR
[72] DE SOUSA, MARIO CESAR, FR
[72] SEVI, GUILLAUME, FR
[73] SNECMA, FR
[73] BUNEL, JACQUES MARCEL ARTHUR, ZZ
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[54] **SYSTEME TRANSPORTEUR ET PROCEDE POUR LE DEPLACEMENT LATERAL D'ARTICLES**
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[72] WETTERS, PAUL L., US
[72] KREYS, PAUL, US
[72] KOOISTRA, KENNETH J., US
[72] SCHUITEMA, DENNIS J., US
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[54] **UTILISATION DE DANSHENSU, DE NOTOGINSENOSIDE R1 OU D'UNE COMBINAISON DE CEUX-CI DANS LE CADRE DE LA PREPARATION DE MEDICAMENTS DESTINES A PREVENIR ET A TRAITER DES MALADIES PROVOQUEES PAR DES TROUBLES DE LA MICROCIRCULATION**
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[72] GUO, JUN, CN
[72] YANG, JIYING, CN
[72] SUN, KAI, CN
[72] WANG, MINGXIA, CN
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[73] INDUSTRIE BORLA S.P.A., IT
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[54] **METHODE ET SYSTEME D'AFFICHAGE A L'AIDE D'INVERSION DE TAMPON**
[72] VAN EERD, PETER ANTHONY, CA
[72] KEHRES, RICHARD JEFFREY, CA
[72] PACEY, CARL EDWARD KILGOUR, CA
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[54] **SYSTEME DE CAPSULE COMPRENANT UN MOYEN D'AJUSTEMENT DE DEBIT**
[72] PERENTES, ALEXANDRE, CH
[72] JARISCH, CHRISTIAN, CH
[72] YOAKIM, ALFRED, CH
[73] NESTEC S.A., CH
[73] PERENTES, ALEXANDRE, ZZ
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[72] WINSTON, MATTHEW, US
[72] SOK, SAM, US
[72] FRANKLIN, MICHAEL D., US
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[72] LEHANE, JAMES J., JR., US
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[73] TEDESCO, LEE M., ZZ
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[54] **PROCEDE ET SYSTEME DE COMMANDE POUR PROGRAMMER LA CHARGE D'UNE CENTRALE ELECTRIQUE**
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[72] SUNDARAM, SENTHIL KUMAR, IN
[72] SHANMUGAM, MOHAN KUMAR, IN
[72] BHAT, SHRIKANT, IN
[73] ABB RESEARCH LTD, CH
[73] SELVARAJ, GOPINATH, ZZ
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[54] **PROFILE DE JOINT DEBOUT POUR ORNEMENT DE TOIT THERMOPLASTIQUE ET PROCEDE DE FIXATION**
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[72] TAYLOR, THOMAS J., US
[72] RAILKAR, SUDHIR, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[73] YANG, LI-YING, ZZ
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[54] **METHODE ET DISPOSITIF DE PRODUCTION D'UN ELEMENT DE CONSTRUCTION EN COMPOSITE MULTICOUCHE TRANSLUCIDE AVEC PANNEAU DE FACADE**
[72] CHRISTANDL, DIETER, AT
[72] CHRISTANDL, JOSEF, AT
[72] HOFER, ROBERT, AT
[72] HAIDER, ALEXANDER, AT
[72] FISCHER, OLIVER, AT
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[54] **APPAREIL AMELIORE DE DISTRIBUTION DE POLYMERES HYDROSOLUBLE**
[72] JERONIMO, PHILIPPE, FR
[72] PICH, EMMANUEL, FR
[73] S.P.C.M. SA, FR
[73] JERONIMO, PHILIPPE, ZZ
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[73] FIGGINS, RYAN, ZZ
[73] CNH INDUSTRIAL BELGIUM NV, BE
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[72] BRUNSON, TROY, US
[72] GARCIA, DALE, US
[72] HUBBERT, MICHAEL E., US
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[54] **COMMANDE DE PUISSANCE DE LIAISON MONTANTE DU CANAL DE COMMANDE COMMUN POUR TECHNIQUES DE MODULATION ET DE CODAGE ADAPTATIFS**
[72] TERRY, STEPHEN E., US
[72] DICK, STEPHEN G., US
[72] MILLER, JAMES M., US
[72] ZEIRA, ELDAD, US
[72] ZEIRA, ARIELA, US
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[54] **PROCEDE ET DISPOSITIF DE CORRECTION D'UNE MESURE DE PRESSION D'UN FLUX GAZEUX CIRCULANT DANS UN MOTEUR D'AERONEF**
[72] GAULLY, BRUNO ROBERT, FR
[72] VERNOCHET, MAURICE GEORGES, FR
[73] SNECMA, FR
[73] GAULLY, BRUNO ROBERT, ZZ
[73] VERNOCHET, MAURICE GEORGES, ZZ
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[54] **PROCEDE ET APPAREIL DE DEMANDE D'ACCES A UN CANAL DANS UN RESEAU LOCAL SANS FIL**
[72] KIM, EUN SUN, KR
[72] SEOK, YONG HO, KR
[72] LEE, DAE WON, KR
[73] LG ELECTRONICS INC., KR
[73] KIM, EUN SUN, ZZ
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[54] **HETERODIMERES FONCTIONNELS SOLUBLES DU CMH DE CLASSE II STABILISES PAR UN PONT DISULFURE**
[72] LØSET, GEIR AGE, NO
[72] FRIGSTAD, TERJE, NO
[72] SANDLIE, INGER, NO
[72] BOGEN, BJARNE, NO
[73] UNIVERSITETET I OSLO, NO
[73] LØSET, GEIR AGE, ZZ
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[73] SANDLIE, INGER, ZZ
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[54] **SYSTEME D'IDENTIFICATION DE CLAVIER/LECTEUR COMPRENANT LA PROGRAMMATION DE CARTE ET LES COMMUNICATIONS SECURISEES**
[72] BARTLEY, DON, US
[72] CORWIN, LARRY GENE, JR., US
[72] HUNT, ROBERT C., US
[73] BARTLEY, DON, ZZ
[73] CORWIN, LARRY GENE, JR., ZZ
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[54] **SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR SIMULATING EPICARDIAL ELECTROPHYSIOLOGY PROCEDURES**
[54] **SYSTEME, PROCEDE ET PRODUIT PROGRAMME D'ORDINATEUR POUR LA SIMULATION DE PROCEDURES D'ELECTROPHYSIOLOGIE EPICARDIQUES**
[72] GILLIES, GEORGE T., US
[72] GYURJYAN, HARUTYUN V., US
[72] MAHAPATRA, SRIJOY, US
[72] TUCKER-SCHWARTZ, JASON M., US
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[73] GILLIES, GEORGE T., ZZ
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[73] DOWN FORCE TECHNOLOGY INC., CA
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[54] **SYSTEME ET PROCEDE DE DETECTION DE PRESSION**
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[73] CAREFUSION 303, INC., US
[73] BUTTERFIELD, ROBERT D., ZZ
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[72] HANSON, MATTHEW N., US
[72] FANDREI, PHILIP F., US
[73] AUTOMARK, INC., US
[73] HANSON, MATTHEW N., ZZ
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[54] **TIMBRE TRANSDERMIQUE ADHESIF AQUEUX CONTENANT DU KETOPROFENE**
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[73] TEIKOKU SEIYAKU CO., LTD., JP
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[54] **N-ACYL CYCLIC AMINE DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF**
[54] **DERIVE D'AMINE N-ACYLE CYCLIQUE OU SON SEL PHARMACEUTIQUEMENT ACCEPTABLE**
[72] MARUYAMA, MEGUMI, JP
[72] KINOMURA, NAOYA, JP
[72] NOJIMA, SATOSHI, JP
[72] TAKAMURA, MASAHIRO, JP
[72] KAKIGUCHI, KEISUKE, JP
[72] TATAMIDANI, HIROTO, JP
[73] MARUYAMA, MEGUMI, ZZ
[73] KINOMURA, NAOYA, ZZ
[73] NOJIMA, SATOSHI, ZZ
[73] TAKAMURA, MASAHIRO, ZZ
[73] KAKIGUCHI, KEISUKE, ZZ
[73] TATAMIDANI, HIROTO, ZZ
[73] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
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[54] **PRODUCTION OF FORMIC ACID**
[54] **PRODUCTION D'ACIDE FORMIQUE**
[72] FITZPATRICK, STEPHEN W., US
[73] BIOFINE TECHNOLOGY, LLC, US
[73] FITZPATRICK, STEPHEN W., ZZ
[85] 2012-09-11
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[54] **LOAD-OPTIMIZED BEVEL-GEAR TEETH**
[54] **DENTURE A ROUE CONIQUE OPTIMISEE AU NIVEAU DE LA CAPACITE DE CHARGE**
[72] POTTS, MICHAEL, DE
[72] SCHLECHT, BERTHOLD, DE
[72] SENF, MICHAEL, DE
[72] SCHAEFER, STEFFEN, DE
[72] HUTSCHENREITER, BIRGIT, DE
[73] SCHOTTEL GMBH, DE
[73] TECHNISCHE UNIVERSITAET DRESDEN, DE
[73] POTTS, MICHAEL, ZZ
[73] SCHLECHT, BERTHOLD, ZZ
[73] SENF, MICHAEL, ZZ
[73] SCHAEFER, STEFFEN, ZZ
[73] HUTSCHENREITER, BIRGIT, ZZ
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[54] **THERMOGELLING ANAESTHETIC COMPOSITIONS**
[54] **COMPOSITIONS D'ANESTHESIQUE THERMOGELIFIANTES**
[72] SUNDBERG, MARK, SE
[72] BRODIN, ARNE, SE
[72] KALLBERG, NILS, SE
[73] PHARMANEST AB, SE
[73] SUNDBERG, MARK, ZZ
[73] BRODIN, ARNE, ZZ
[73] KALLBERG, NILS, ZZ
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[25] EN
[54] **PACKER WHEEL FOR A DOUBLE SHOOT COULTER ASSEMBLY**
[54] **ROUE POUR UN APPAREIL DE COUTRE DOUBLE**
[72] NAYLOR, MATTHEW STUART, CA
[72] SCHILLING, ROBIN BRUNO, CA
[73] NAYLOR, MATTHEW STUART, CA
[73] SCHILLING, ROBIN BRUNO, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2795235)
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[54] **LEVER SWITCH DEVICE**
[54] **DISPOSITIF DE COMMUTATION A LEVIER**
[72] WAKITA, HIDEKAZU, JP
[72] MATSUHASHI, HISASHI, JP
[73] WAKITA, HIDEKAZU, ZZ
[73] MATSUHASHI, HISASHI, ZZ
[73] VALEO JAPAN CO., LTD., JP
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[25] EN
[54] **METHOD FOR CONTROLLING DOWNLINK TRANSMISSION POWER AND APPARATUS FOR THE SAME**
[54] **PROCEDE PERMETTANT DE REGLER LA PUISSANCE DE TRANSMISSION DANS LE SENS DESCENDANT ET APPAREIL CORRESPONDANT**
[72] SEO, HANBYUL, KR
[72] CHOI, YOUNGSEOB, KR
[73] LG ELECTRONICS INC., KR
[73] SEO, HANBYUL, ZZ
[73] CHOI, YOUNGSEOB, ZZ
[85] 2012-10-04
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[25] EN
[54] **ELECTROCHEMICAL CARBON MONOXIDE PRODUCTION**
[54] **PRODUCTION DE MONOXYDE DE CARBONE ELECTROCHIMIQUE**
[72] LANE, JONATHAN ANDREW, US
[72] CHRISTIE, GERVASE MAXWELL, US
[72] BONAQUIST, DANTE PATRICK, US
[73] PRAXAIR TECHNOLOGY, INC., US
[73] LANE, JONATHAN ANDREW, ZZ
[73] CHRISTIE, GERVASE MAXWELL, ZZ
[73] BONAQUIST, DANTE PATRICK, ZZ
[85] 2012-10-18
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[25] EN
[54] **DOSING APPARATUS AND METHOD FOR DOSING A COMPOSITION**
[54] **APPAREIL DE DOSAGE ET PROCEDE DE DOSAGE D'UNE COMPOSITION**
[72] STINGL, CAROLA, DE
[72] CARLHOFF, GEROLD, DE
[72] LOHWIESER, HERIBERT, DE
[72] RUPPERT, ANDREAS, DE
[73] ECOLAB USA INC., US
[73] STINGL, CAROLA, ZZ
[73] CARLHOFF, GEROLD, ZZ
[73] LOHWIESER, HERIBERT, ZZ
[73] RUPPERT, ANDREAS, ZZ
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[25] EN
[54] **FUSING GEOPHYSICAL DATA REPRESENTING A GEOPHYSICAL SPACE**
[54] **FUSION DE DONNEES GEOPHYSIQUES QUI REPRESENTENT UN ESPACE GEOPHYSIQUE**
[72] HENNENFENT, GILLES, US
[73] CHEVRON U.S.A. INC., US
[73] HENNENFENT, GILLES, ZZ
[85] 2012-10-22
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[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING A MEMBRANE RING OR TEST STRIP RING AND RING MAGAZINE**
[54] **PROCEDE DE PRODUCTION D'UNE MEMBRANE ANNULAIRE OU D'UNE BANDELETTE DE TEST ANNULAIRE ET MAGASIN APPROPRIE**
[72] HARTTIG, HERBERT, DE
[73] F. HOFFMANN-LA ROCHE AG, US
[73] HARTTIG, HERBERT, ZZ
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[54] **MULTIPLE FLUID PUMP COMBINATION CIRCUIT**
[54] **CIRCUIT DE COMBINAISON A POMPES A FLUIDE MULTIPLES**
[72] DYBING, PHILIP J., US
[73] EATON CORPORATION, US
[73] DYBING, PHILIP J., ZZ
[85] 2012-10-29
[86] 2011-04-22 (PCT/US2011/033549)
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[51] **Int.Cl. E05B 3/06 (2006.01)**
[25] EN
[54] **HANDLE ASSEMBLY FOR DOUBLE-WALLED DOOR**
[54] **ENSEMBLE POIGNEE POUR PORTE A DOUBLE PAROI**
[72] LINNAASEN, ADAM, SE
[72] GARANCZ, EMELIE, SE
[73] INDUSTRILAAS I NAASSJOE AB, SE
[73] LINNAASEN, ADAM, ZZ
[73] GARANCZ, EMELIE, ZZ
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[54] **PROCESS AND APPARATUS FOR PRODUCING FUEL FROM A BIOLOGICAL ORIGIN THROUGH A SINGLE HYDROPROCESSING STEP IN THE PRESENCE OF A NIW CATALYST**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE DU CARBURANT D'ORIGINE BIOLOGIQUE PAR UNE ETAPE UNIQUE D'HYDROTRAITEMENT EN PRESENCE D'UN CATALYSEUR NIW**
[72] NOUSIAINEN, JAAKKO, FI
[72] KNUUTTILA, PEKKA, FI
[72] RISSANEN, ARTO, FI
[73] UPM-KYMMENE CORPORATION, FI
[73] NOUSIAINEN, JAAKKO, ZZ
[73] KNUUTTILA, PEKKA, ZZ
[73] RISSANEN, ARTO, ZZ
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[25] EN
[54] **METHOD AND SYSTEM FOR INDUCING CHEMICAL REACTIONS BY X-RAY IRRADIATION**
[54] **METHODE ET SYSTEME SERVANT A INDUIRE DES REACTIONS CHIMIQUES PAR RAYONNEMENT X**
[72] BIRNBACH, CURTIS A., US
[72] JOYCE, WILLIAM H., US
[72] MANEWITZ, MARK L., US
[73] ADVANCED FUSION SYSTEMS LLC, US
[73] BIRNBACH, CURTIS A., ZZ
[73] JOYCE, WILLIAM H., ZZ
[73] MANEWITZ, MARK L., ZZ
[85] 2012-11-15
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[25] EN
[54] **GRANULAR PUMICE AND METHOD FOR PRODUCING GRANULAR PUMICE**
[54] **PONCE GRANULAIRE ET SON PROCEDE DE FABRICATION**
[72] ROOS, MARKUS, DE
[72] RUNKEL, GUIDO, DE
[73] ROTEC ROHSTOFF-TECHNIK GMBH & CO. KG, DE
[73] ROOS, MARKUS, ZZ
[73] RUNKEL, GUIDO, ZZ
[73] EVONIK DEGUSSA GMBH, DE
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[51] **Int.Cl. D04H 1/42 (2012.01) D01G 11/00 (2006.01) D04H 1/74 (2006.01)**
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[54] **FIBER-BASED CARPET CUSHION WITH ADDED RESILIENCE FROM VERTICALLY ORIENTED FIBER CONSTRUCTION**
[54] **COUSSINAGE POUR TAPIS A BASE DE FIBRES PRESENTANT UNE ELASTICITE ACCRUE GRACE A UNE CONSTRUCTION DE FIBRES ORIENTEE VERTICALEMENT**
[72] BURNS, JIM, US
[72] REES, JOSE J.M., US
[72] ODUM, TOM, US
[73] SHAW INDUSTRIES GROUP, INC., US
[73] BURNS, JIM, ZZ
[73] REES, JOSE J.M., ZZ
[73] ODUM, TOM, ZZ
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[25] EN
[54] **QUICK RELEASE CAMERA MOUNTING DEVICE AND METHODS OF USE**
[54] **DISPOSITIF DE MONTAGE D'APPAREIL PHOTOGRAPHIQUE A LIBERATION RAPIDE ET PROCEDES D'UTILISATION**
[72] DERING, PETER, US
[73] DERING, PETER, ZZ
[73] PEAK DESIGN, LLC, US
[85] 2012-11-20
[86] 2011-06-09 (PCT/US2011/001055)
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[54] **DUAL CHAMBER PASSIVE RETRACTION NEEDLE SYRINGE**
[54] **SERINGUE A DEUX CHAMBRES POURVUE D'UNE AIGUILLE A RENTREE PASSIVE**
[72] ZIVKOVIC, IVAN, US
[72] COLE, RUSSELL, US
[73] BECTON, DICKINSON AND COMPANY, US
[73] ZIVKOVIC, IVAN, ZZ
[73] COLE, RUSSELL, ZZ
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[86] 2011-07-21 (PCT/US2011/044795)
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[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING SULFUR SEEDS AND GRANULES**
[54] **PROCEDE ET SYSTEME POUR GENERER DES GRAINS ET DES GRANULES DE SOUFRE**
[72] LANG, LESLIE L., CA
[72] LARSON, PAUL R., CA
[72] IRANI, JAMSHEED P., CA
[72] DE PAOLI, SERGIO A., CA
[72] METHERAL, CASEY J., CA
[73] LANG, LESLIE L., ZZ
[73] LARSON, PAUL R., ZZ
[73] IRANI, JAMSHEED P., ZZ
[73] DE PAOLI, SERGIO A., ZZ
[73] METHERAL, CASEY J., CA
[73] SANDVIK PROCESS SYSTEMS LLC, US
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[25] EN
[54] **METHOD OF OBTAINING AUTHORIZATION FOR ACCESSING A SERVICE**
[54] **PROCEDE PERMETTANT D'OBTENIR UNE AUTORISATION D'ACCEDER A UN SERVICE**
[72] TU, VAN QUY, CA
[72] LITTLE, HERBERT A., CA
[72] ROSATI, ANTHONY, CA
[72] CAMPAGNA, MATTHEW JOHN, US
[73] CERTICOM CORP., CA
[73] TU, VAN QUY, CA
[73] LITTLE, HERBERT A., CA
[73] ROSATI, ANTHONY, CA
[73] CAMPAGNA, MATTHEW JOHN, ZZ
[73] BLACKBERRY LIMITED, CA
[85] 2013-02-04
[86] 2011-10-04 (PCT/US2011/054754)
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[54] **HIGH TEMPERATURE LOW THERMAL EXPANSION NI-MO-CR ALLOY**
[54] **ALLIAGE DE NICKEL-MOLYBDENE-CHROME A FAIBLE DILATATION THERMIQUE A TEMPERATURE ELEVEE**
[72] PIKE, LEE, US
[72] SRIVASTAVA, S. KRISHNA, US
[73] HAYNES INTERNATIONAL, INC., US
[73] PIKE, LEE, ZZ
[73] SRIVASTAVA, S. KRISHNA, ZZ
[85] 2013-03-05
[86] 2012-02-17 (PCT/US2012/025574)
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[51] **Int.Cl. B44C 5/04 (2006.01)**
[25] EN
[54] **SYSTEM AND TWO DIMENSIONAL PRINTING METHOD IN A THREE-DIMENSIONAL PRINTING SUPPORT**
[54] **SYSTEME ET PROCEDE D'IMPRESSION EN DEUX DIMENSIONS DANS UN SUPPORT D'IMPRESSION EN TROIS DIMENSIONS**
[72] BIENZOBAS SAFFIE, FERNANDO ANDRES, CL
[73] BIENZOBAS SAFFIE, FERNANDO ANDRES, CL
[85] 2013-02-19
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[25] EN
[54] **LOW PROFILE BACKWATER VALVE WITH LOCK**
[54] **CLAPET ANTI-RETOUR A PROFIL BAS COMPORTANT UN VERROU**
[72] COSCARELLA, GABE, CA
[73] COSCARELLA, GABE, CA
[85] 2013-02-20
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[25] EN
[54] **POSTNATAL STEM CELLS AND USES THEREOF**
[54] **CELLULES SOUCHES POSTNATALES ET UTILISATIONS**
[72] SHI, SONGTAO, US
[72] ROBEY, PAMELA GEHRON, US
[72] GRONTHOS, STAN, AU
[72] MIURA, MASAKO, US
[73] GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH, US
[73] SHI, SONGTAO, ZZ
[73] ROBEY, PAMELA GEHRON, ZZ
[73] GRONTHOS, STAN, ZZ
[73] MIURA, MASAKO, ZZ
[86] (2809164)
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[22] 2003-04-19
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[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING A BROADCAST SIGNAL FOR 3D (3-DIMENSIONAL) BROADCAST SERVICE**
[54] **PROCEDE ET APPAREIL POUR TRAITER UN SIGNAL DE TELEDIFFUSION POUR UN SERVICE DE DIFFUSION 3D (EN 3 DIMENSIONS)**
[72] LEE, JOONHUI, KR
[72] CHOE, JEEHYUN, KR
[72] SUH, JONGYEUL, KR
[72] YANG, JEONGHYU, KR
[73] LG ELECTRONICS INC., KR
[73] LEE, JOONHUI, ZZ
[73] CHOE, JEEHYUN, ZZ
[73] SUH, JONGYEUL, ZZ
[73] YANG, JEONGHYU, ZZ
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[25] EN
[54] **APPARATUS AND METHOD FOR INTRODUCING A FIRST FLUID INTO THE FLOW PATH OF A SECOND FLUID AND USE OF SUCH AN APPARATUS**
[54] **APPAREIL ET PROCEDE POUR INTRODUIRE UN PREMIER FLUIDE DANS LE TRAJET D'ECOULEMENT D'UN SECOND FLUIDE ET UTILISATION DUDIT APPAREIL**
[72] JANSSON, ULF, SE
[72] BJORKSTROM, JONAS, SE
[73] JANSSON, ULF, ZZ
[73] BJORKSTROM, JONAS, ZZ
[73] GL&V LUXEMBOURG S.A R.L., LU
[85] 2013-03-04
[86] 2011-09-09 (PCT/SE2011/051098)
[87] (WO2012/033461)
[30] SE (1000921-5) 2010-09-10

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[51] **Int.Cl. C08L 83/08 (2006.01) C04B 41/49 (2006.01) C08J 3/03 (2006.01)**
[25] EN
[54] **NON-FLUOROPOLYMER SURFACE PROTECTION COMPOSITION**
[54] **COMPOSITION DE PROTECTION DES SURFACES EXEMPTE DE POLYMERE FLUORE**
[72] WANG, XIAORU JENNY, US
[72] DANZIGER, JAMIE LEE, US
[72] SALLOUM, DAVID S., US
[72] MURPHY, STEPHEN THOMAS, US
[72] MERGET, MARKUS, DE
[72] WIMMER, FRANZ, DE
[72] BECKER, RICHARD, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[73] WANG, XIAORU JENNY, ZZ
[73] DANZIGER, JAMIE LEE, ZZ
[73] SALLOUM, DAVID S., ZZ
[73] MURPHY, STEPHEN THOMAS, ZZ
[73] MERGET, MARKUS, ZZ
[73] WIMMER, FRANZ, ZZ
[73] BECKER, RICHARD, ZZ
[85] 2013-03-05
[86] 2011-09-20 (PCT/US2011/052233)
[87] (WO2012/040130)
[30] US (61/384,435) 2010-09-20

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[13] A1
[51] **Int.Cl. H05K 5/02 (2006.01)**
[25] EN
[54] **PROTECTIVE ENCLOSURE FOR AN ELECTRONIC DEVICE**
[54] **ENCEINTE PROTECTRICE DESTINEE A UN DISPOSITIF ELECTRONIQUE**
[72] SMYTH, GREGORY IAN, CA
[72] JAMES, NICHOLAS JOHN, CA
[73] PSION INC., CA
[73] SMYTH, GREGORY IAN, CA
[73] JAMES, NICHOLAS JOHN, CA
[86] (2810653)
[87] (2810653)
[22] 2013-03-27
[30] US (13/442993) 2012-04-10

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[13] A1
[51] **Int.Cl. H04W 76/04 (2009.01) H04W 28/12 (2009.01) H04W 52/02 (2009.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING AND RECEIVING FRAME PERFORMED BY STATION OPERATING IN POWER SAVE MODE IN WIRELESS LOCAL AREA NETWORK SYSTEM AND APPARATUS FOR THE SAME**
[54] **METHODE DE TRANSMISSION ET RECEPTION DE CADRE EXECUTEE PAR UNE STATION FONCTIONNANT EN MODE D'ECONOMIE D'ENERGIE SUR UN RESEAU LOCAL SANS FIL ET APPAREIL CONNEXE**
[72] SEOK, YONG HO, KR
[73] LG ELECTRONICS INC., KR
[73] SEOK, YONG HO, ZZ
[85] 2013-04-15
[86] 2012-10-31 (PCT/KR2012/009058)
[87] (WO2013/115464)
[30] US (61/594,378) 2012-02-03

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[13] A1
[51] **Int.Cl. H04N 19/30 (2014.01) H04N 19/103 (2014.01) H04N 19/14 (2014.01) H04N 19/186 (2014.01)**
[25] EN
[54] **VIDEO ENCODING METHOD FOR ENCODING HIERARCHICAL-STRUCTURE SYMBOLS AND A DEVICE THEREFOR, AND VIDEO DECODING METHOD FOR DECODING HIERARCHICAL-STRUCTURE SYMBOLS AND A DEVICE THEREFOR**
[54] **PROCEDE DE CODAGE VIDEO POUR CODER DES SYMBOLES DE STRUCTURE HIERARCHIQUE ET DISPOSITIF CORRESPONDANT, ET PROCEDE DE DECODAGE VIDEO POUR DECODER DES SYMBOLES DE STRUCTURE HIERARCHIQUE ET DISPOSITIF CORRESPONDANT**
[72] CHEON, MIN-SU, KR
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR
[72] LEE, TAMMY, KR
[72] LEE, SUN-IL, KR
[73] CHEON, MIN-SU, ZZ
[73] MIN, JUNG-HYE, ZZ
[73] HAN, WOO-JIN, ZZ
[73] LEE, TAMMY, ZZ
[73] LEE, SUN-IL, ZZ
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2013-03-27
[86] 2011-09-30 (PCT/KR2011/007218)
[87] (WO2012/044104)
[30] US (61/388,232) 2010-09-30

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[13] A1
[51] **Int.Cl. B21D 1/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS TO INCREASE THE EFFICIENCY OF ROLL-FORMING AND LEVELING SYSTEMS**
[54] **APPAREIL ET PROCEDES POUR ACCROITRE LE RENDEMENT DE SYSTEMES DE LAMINAGE DE PROFILES ET DE PLANAGE**
[72] SMITH, GREGORY S., US
[72] WILLIAMS, ZACHARY, US
[72] DOWNING, ROGER, US
[73] THE BRADBURY COMPANY, INC., US
[73] SMITH, GREGORY S., ZZ
[73] WILLIAMS, ZACHARY, ZZ
[73] DOWNING, ROGER, ZZ
[85] 2013-04-08
[86] 2011-10-06 (PCT/US2011/055160)
[87] (WO2012/048153)
[30] US (61/390,467) 2010-10-06

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[51] **Int.Cl. C07C 269/02 (2006.01) A61K 31/135 (2006.01) A61P 21/02 (2006.01) C07C 271/08 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARATION OF PHENYL CARBAMATE DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES DE PHENYLCARBAMATES**
[72] CHOI, YONG MOON, US
[73] BIO-PHARM SOLUTIONS CO., LTD., KR
[73] CHOI, YONG MOON, ZZ
[85] 2013-04-22
[86] 2011-12-26 (PCT/KR2011/010105)
[87] (WO2012/096458)
[30] US (61/432,228) 2011-01-13
[30] KR (10-2011-0049932) 2011-05-26

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[51] **Int.Cl. B60K 11/04 (2006.01) F01P 5/06 (2006.01) F04D 25/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MANAGING AIRFLOW FOR POWERTRAIN COOLING**
[54] **PROCEDE ET APPAREIL DE GESTION DU DEBIT D'AIR POUR REFROIDIR UN GROUPE MOTOPROPULSEUR**
[72] MOTT, BRITT D., US
[72] MCCOIGE, CHAD A., US
[73] SPARTAN MOTORS, INC., US
[73] MOTT, BRITT D., ZZ
[73] MCCOIGE, CHAD A., ZZ
[86] (2816231)
[87] (2816231)
[22] 2013-05-17
[30] US (61/648,343) 2012-05-17
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[51] **Int.Cl. B21D 7/14 (2006.01)**
[25] EN
[54] **BENDING ASSEMBLY AND METHOD THEREFOR**
[54] **ENSEMBLE PLIEUR ET PROCEDE CONNEXE**
[72] TOFINI, YURI, CA
[73] AGGRESSIVE TUBE BENDING INC., CA
[73] TOFINI, YURI, CA
[86] (2817776)
[87] (2817776)
[22] 2013-05-29
[30] US (61/653,270) 2012-05-30

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[51] **Int.Cl. C11D 17/04 (2006.01) A61C 3/025 (2006.01) A61K 8/22 (2006.01) A61K 8/81 (2006.01)**
[25] EN
[54] **SOLUBLE TABLET CONTAINING ABRASIVE MEDIA**
[54] **COMPRIME SOLUBLE CONTENANT DES ELEMENTS ABRASIFS**
[72] MUELLER, DANIEL, IT
[73] DENTAL CARE INNOVATION GMBH, DE
[73] MUELLER, DANIEL, ZZ
[85] 2013-05-13
[86] 2011-06-10 (PCT/IB2011/001327)
[87] (WO2012/069895)
[30] DE (10 2010 051 226.5) 2010-11-12

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[51] **Int.Cl. H04B 7/0417 (2017.01) H04W 80/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING MODULATION AND CODING SCHEME FEEDBACK IN WIRELESS LOCAL AREA NETWORK SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER UNE RETROACTION D'UNE TECHNIQUE DE MODULATION ET DE CODAGE DANS UN SYSTEME DE RESEAU LOCAL SANS FIL**
[72] ROH, DONG WOOK, KR
[72] SOHN, ILL SOO, KR
[72] SONG, KYOUNG YOUNG, KR
[72] LEE, DAE WON, KR
[72] SEOK, YONG HO, KR
[73] LG ELECTRONICS INC., KR
[73] ROH, DONG WOOK, ZZ
[73] SOHN, ILL SOO, ZZ
[73] SONG, KYOUNG YOUNG, ZZ
[73] LEE, DAE WON, ZZ
[73] SEOK, YONG HO, ZZ
[85] 2013-05-14
[86] 2011-11-14 (PCT/KR2011/008677)
[87] (WO2012/067393)
[30] US (61/413,602) 2010-11-15
[30] US (61/430,285) 2011-01-06
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[13] A1
[51] **Int.Cl. H04R 1/40 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SPATIALLY SELECTIVE SOUND ACQUISITION BY ACOUSTIC TRIANGULATION**
[54] **APPAREIL ET PROCEDE D'ACQUISITION SONORE SPATIALEMENT SELECTIVE PAR TRIANGULATION ACOUSTIQUE**
[72] HERRE, JURGEN, DE
[72] KUCH, FABIAN, DE
[72] KALLINGER, MARKUS, DE
[72] DEL GALDO, GIOVANNI, DE
[72] GRILL, BERNHARD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[73] FRIEDRICH-ALEXANDER-UNIVERSITAT ERLANGEN-NURNBERG, DE
[73] HERRE, JURGEN, ZZ
[73] KUCH, FABIAN, ZZ
[73] KALLINGER, MARKUS, ZZ
[73] DEL GALDO, GIOVANNI, ZZ
[73] GRILL, BERNHARD, ZZ
[85] 2013-05-30
[86] 2011-12-02 (PCT/EP2011/071600)
[87] (WO2012/072787)
[30] US (61/419,720) 2010-12-03

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[51] **Int.Cl. H04W 8/20 (2009.01) G06F 21/00 (2013.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING A SIM APPLICATION OF A FIRST TERMINAL TO A SECOND TERMINAL**
[54] **PROCEDE DE TRANSMISSION D'UNE APPLICATION SIM D'UN PREMIER TERMINAL A UN DEUXIEME TERMINAL**
[72] MERRIEN, LIONEL, CA
[72] BERARD, XAVIER, FR
[72] GACHON, DENIS, FR
[73] GEMALTO SA, FR
[73] MERRIEN, LIONEL, CA
[73] BERARD, XAVIER, ZZ
[73] GACHON, DENIS, ZZ
[85] 2013-05-30
[86] 2011-12-02 (PCT/EP2011/071660)
[87] (WO2012/076419)
[30] EP (10306359.0) 2010-12-06

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[51] **Int.Cl. H04H 20/59 (2009.01) H04H 20/57 (2009.01) H04H 60/90 (2009.01) H04W 4/06 (2009.01) H04W 4/22 (2009.01) H04N 19/89 (2014.01)**
[25] EN
[54] **METHOD OF PROVIDING AN EMERGENCY ALERT SERVICE VIA A MOBILE BROADCASTING AND APPARATUS THEREFOR**
[54] **METHODE D'OBTENTION D'UN SERVICE D'ALERTE D'URGENCE PAR DIFFUSION MOBILE ET SON APPAREIL**
[72] OH, SEJIN, KR
[72] KIM, JEONGWOO, KR
[72] KWAK, MINSUNG, KR
[73] LG ELECTRONICS INC., KR
[73] OH, SEJIN, ZZ
[73] KIM, JEONGWOO, ZZ
[73] KWAK, MINSUNG, ZZ
[86] (2819446)
[87] (2819446)
[22] 2013-01-30
[62] 2,815,707
[30] US (61/605,769) 2012-03-02
[30] US (61/617,654) 2012-03-29
[30] US (61/643,354) 2012-05-07

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[13] A1
[51] **Int.Cl. A63H 17/14 (2006.01) A63H 17/00 (2006.01) A63H 18/08 (2006.01)**
[25] EN
[54] **SLOT CAR AND MULTI-SLOT TRACK COMBINED RACEWAY**
[54] **VOITURE TELECOMMANDEE POUR CIRCUIT DE COURSE ET PISTE DE COURSE COMBINEE COMPRENANT UNE VOIE COMPORTANT PLUSIEURS RAINURES**
[72] MAK, WING KWONG, CN
[73] WING DYNASTY LIMITED, CN
[73] MAK, WING KWONG, ZZ
[85] 2013-06-04
[86] 2012-01-19 (PCT/CN2012/070556)
[87] (WO2012/100707)
[30] CN (201110031639.2) 2011-01-28

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[13] A1
[51] **Int.Cl. A61L 24/04 (2006.01)**
[25] EN
[54] **VASCULAR CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE VASCULAIRE**
[72] DAVE, VIPUL BHUPENDRA, US
[72] CHIN-CHEN, CHAO, US
[72] PALERMO, THOMAS, US
[73] DAVE, VIPUL BHUPENDRA, ZZ
[73] CHIN-CHEN, CHAO, ZZ
[73] PALERMO, THOMAS, ZZ
[73] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
[86] (2820098)
[87] (2820098)
[22] 2009-03-16
[62] 2,715,298
[30] US (61/036,772) 2008-03-14

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[13] A1
[51] **Int.Cl. E02F 3/36 (2006.01)**
[25] EN
[54] **LATCH EYE FOR EXCAVATORS' SHOVELS**
[54] **OEIL DE VERROUILLAGE POUR PELLES D'EXCAVATRICES**
[72] ZAMORANO JONES, CLAUDIO, CL
[72] VERA TORRES, BERNARDO, CL
[73] MINETEC S.A., CL
[73] ZAMORANO JONES, CLAUDIO, ZZ
[73] VERA TORRES, BERNARDO, ZZ
[86] (2820347)
[87] (2820347)
[22] 2013-06-18
[30] CL (0938-2013) 2013-04-05

[11] **2,820,632**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/14 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING TRAVEL PACKAGES INCLUDING SEPARATELY PURCHASED TRAVEL ITEMS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE GENERER DES FORFAITS DE VOYAGE COMPRENANT DES ARTICLES DE VOYAGE ACHETES SEPAREMENT**
[72] WALLACE, GLENN WILLIAM, US
[72] PERKS, BARBARA, US
[72] HAMM, MICHAEL EDWARD, US
[72] WILLIAMS, JADA MICHELLE, US
[72] LONG, WILLIAM GEORGE, US
[72] ZUMSTEG, DEREK JOHN, US
[72] TUCK-LEE, MICHAEL STEPHEN, US
[72] HA, LAM CHI, US
[73] EXPEDIA, INC., US
[73] WALLACE, GLENN WILLIAM, ZZ
[73] PERKS, BARBARA, ZZ
[73] HAMM, MICHAEL EDWARD, ZZ
[73] WILLIAMS, JADA MICHELLE, ZZ
[73] LONG, WILLIAM GEORGE, ZZ
[73] ZUMSTEG, DEREK JOHN, ZZ
[73] TUCK-LEE, MICHAEL STEPHEN, ZZ
[73] HA, LAM CHI, ZZ
[85] 2013-05-28
[86] 2011-11-28 (PCT/US2011/062265)
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[30] US (12/957,334) 2010-11-30

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) H04W 4/00 (2009.01) G06F 3/048 (2013.01) G06F 15/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING MOBILE COMMUNICATION DEVICES**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE DISPOSITIFS DE COMMUNICATION MOBILES**
[72] PROCIW, PHILIP JAMES, CA
[73] PROCIW, PHILIP JAMES, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-06-13
[86] 2011-01-07 (PCT/CA2011/000013)
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[13] A1
[51] **Int.Cl. H01M 4/88 (2006.01) H01M 4/96 (2006.01)**
[25] EN
[54] **VACUUM CHAMBER METHOD TO FORM POLYMER COATINGS ON POROUS SUPPORT**
[54] **PROCEDE DE CHAMBRE A VIDE POUR FORMER DES REVETEMENTS POLYMERES SUR UN SUPPORT POREUX**
[72] BARBER, JOHN, US
[72] YANG, HAI, US
[72] LU, SU, US
[72] MACDONALD, RUSSELL JAMES, US
[72] DENG, ZHIGANG, US
[72] GAO, XIN, US
[73] GENERAL ELECTRIC COMPANY, US
[73] BARBER, JOHN, ZZ
[73] YANG, HAI, ZZ
[73] LU, SU, ZZ
[73] MACDONALD, RUSSELL JAMES, ZZ
[73] DENG, ZHIGANG, ZZ
[73] GAO, XIN, ZZ
[85] 2013-06-18
[86] 2010-12-31 (PCT/CN2010/002227)
[87] (WO2012/088643)

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[13] A1
[51] **Int.Cl. A47L 9/10 (2006.01) A47L 9/16 (2006.01) A47L 11/30 (2006.01) B08B 5/04 (2006.01)**
[25] EN
[54] **SURFACE CLEANING APPARATUS**
[54] **APPAREIL POUR LE NETTOYAGE DE SURFACES**
[72] CONRAD, WAYNE ERNEST, CA
[73] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (2822255)
[87] (2822255)
[22] 2007-12-11
[62] 2,675,714
[30] US (60/869,586) 2006-12-12
[30] US (60/893,990) 2007-03-09
[30] US (60/894,005) 2007-03-09

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[13] A1
[51] **Int.Cl. H01M 2/26 (2006.01) F21L 4/00 (2006.01) F21V 23/06 (2006.01) H01M 2/30 (2006.01)**
[25] EN
[54] **MULTIPOLAR CELL POWER SUPPLY DEVICE AND FLASHLIGHT USING THE SAME**
[54] **DISPOSITIF D'ALIMENTATION EN COURANT DE PILE MULTIPOLAIRE ET LAMPE TORCHE UTILISANT LEDIT DISPOSITIF**
[72] LIU, YUN-ZHAO, CN
[73] GUANGDONG JETFAST PORTABLE LIGHTING CO., LTD., CN
[73] LIU, YUN-ZHAO, CN
[85] 2013-06-26
[86] 2010-12-28 (PCT/CN2010/080397)
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[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01)**
[25] EN
[54] **OVERTURNING EQUIPMENT FOR HOPPERS**
[54] **EQUIPEMENT DE RENVERSEMENT POUR TREMIES**
[72] ZAMORANO JONES, CLAUDIO, CL
[72] VASQUEZ HAUVA, EDUARDO, CL
[72] QUEZADA NAVARRETE, DAVID, CL
[73] MINETEC S.A., CL
[73] ZAMORANO JONES, CLAUDIO, ZZ
[73] VASQUEZ HAUVA, EDUARDO, ZZ
[73] QUEZADA NAVARRETE, DAVID, ZZ
[86] (2824554)
[87] (2824554)
[22] 2013-08-21
[30] CL (0239-2013) 2013-01-24

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[13] A1
[51] **Int.Cl. F21V 7/04 (2006.01) F21K 9/00 (2016.01) F21S 4/28 (2016.01) F21V 7/09 (2006.01) F21V 13/04 (2006.01)**
[25] EN
[54] **LED OPTICAL ASSEMBLY**
[54] **DISPOSITIF OPTIQUE A DEL**
[72] SMITH, TODD J., US
[73] WHELEN ENGINEERING COMPANY, INC., US
[73] SMITH, TODD J., ZZ
[86] (2826298)
[87] (2826298)
[22] 2013-09-06
[30] US (13/620,116) 2012-09-14

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[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR LOADING DATA INTO A TEMPORAL DATA WAREHOUSE**
[54] **PROCEDES ET SYSTEMES POUR CHARGER DES DONNEES DANS UN ENTREPOT DE DONNEES TEMPORELLES**
[72] WILLSON, IAN ALEXANDER, US
[73] THE BOEING COMPANY, US
[73] WILLSON, IAN ALEXANDER, ZZ
[85] 2013-08-07
[86] 2012-03-02 (PCT/US2012/027417)
[87] (WO2012/138437)
[30] US (13/082,829) 2011-04-08

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[13] A1
[51] **Int.Cl. A01N 43/653 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **MYCOTOXIN ACCUMULATION INHIBITION METHOD AND MYCOTOXIN ACCUMULATION INHIBITOR**
[54] **PROCEDE D'INHIBITION DE L'ACCUMULATION DE MYCOTOXINE ET INHIBITEUR DE L'ACCUMULATION DE MYCOTOXINE**
[72] TATEISHI, HIDEAKI, JP
[72] NISHIUCHI, TAKUMI, JP
[73] KUREHA CORPORATION, JP
[73] TATEISHI, HIDEAKI, ZZ
[73] NISHIUCHI, TAKUMI, ZZ
[85] 2013-09-04
[86] 2012-03-01 (PCT/JP2012/055225)
[87] (WO2012/121100)
[30] JP (2011-051232) 2011-03-09

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[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) A61F 2/16 (2006.01)**
[25] EN
[54] **METHODS OF PREDICTING THE POST-OPERATIVE POSITION OF AN IOL AND USES OF SUCH METHODS**
[54] **PROCEDES DE PREDICTION DE LA POSITION POST-OPERATOIRE D'UN IMPLANT INTRAOCULAIRE ET UTILISATIONS DE TELS PROCEDES**
[72] OLSEN, THOMAS, DK
[73] IOL INNOVATIONS APS, DK
[73] OLSEN, THOMAS, ZZ
[85] 2013-09-05
[86] 2012-03-08 (PCT/EP2012/054010)
[87] (WO2012/120080)
[30] GB (1103970.8) 2011-03-09

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[51] **Int.Cl. B29C 65/66 (2006.01) F16L 53/00 (2006.01) F16L 55/168 (2006.01) F16L 58/10 (2006.01)**
[25] EN
[54] **APPARATUS CONTAINING MULTIPLE SEQUENTIALLY USED INFRARED HEATING ZONES FOR TUBULAR ARTICLES**
[54] **APPAREIL CONTENANT DE MULTIPLES ZONES DE CHAUFFAGE PAR INFRAROUGE A USAGE SEQUENTIEL POUR OBJETS TUBULAIRES**
[72] TAILOR, DILIP KUMAR, CA
[72] BRANDON, MARK PHILLIP, CA
[72] TACOMA, EMERSON JOHN, CA
[73] SHAWCOR LTD., CA
[73] TAILOR, DILIP KUMAR, CA
[73] BRANDON, MARK PHILLIP, CA
[73] TACOMA, EMERSON JOHN, CA
[86] (2829869)
[87] (2829869)
[22] 2010-03-12
[62] 2,755,226
[30] CA (2,658,494) 2009-03-13

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[13] A1
[51] **Int.Cl. E21B 19/20 (2006.01) E21B 19/15 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SERVICING PIPES**
[54] **APPAREIL ET PROCEDE POUR ENTRETIEN DE TUYAUX**
[72] BELIK, JAROSLAV, US
[73] NATIONAL OILWELL VARCO, L.P., US
[73] BELIK, JAROSLAV, ZZ
[86] (2830702)
[87] (2830702)
[22] 2013-10-23
[30] US (61/717,300) 2012-10-23

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[13] A1
[51] **Int.Cl. F02C 7/18 (2006.01) F02C 3/14 (2006.01) F23R 3/42 (2006.01)**
[25] EN
[54] **HOT GAS SEGMENT ARRANGEMENT**
[54] **AGENCEMENT DE SEGMENTS DE GAZ CHAUDS**
[72] BENZ, URS, CH
[72] APPEL, CHRISTOPH, CH
[72] KONRADT, OLIVER, CH
[72] LENUZZI, IVAN, HR
[72] MARKOVIC, ALEN, HR
[73] BENZ, URS, ZZ
[73] APPEL, CHRISTOPH, ZZ
[73] KONRADT, OLIVER, ZZ
[73] LENUZZI, IVAN, ZZ
[73] MARKOVIC, ALEN, ZZ
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2830925)
[87] (2830925)
[22] 2013-10-24
[30] EP (12190808.1) 2012-10-31

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[51] **Int.Cl. B64C 3/00 (2006.01) B64C 3/20 (2006.01)**
[25] EN
[54] **MULTI-BOX WING SPAR AND SKIN**
[54] **REVETEMENT ET LONGERONS D'AILE A CAISSONS MULTIPLES**
[72] MOSELAGE, JOHN H., III, US
[73] THE BOEING COMPANY, US
[73] MOSELAGE, JOHN H., III, ZZ
[86] (2831516)
[87] (2831516)
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[30] US (13/685,049) 2012-11-26

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[51] **Int.Cl. G03G 9/09 (2006.01)**
[25] EN
[54] **RED TONERS**
[54] **ENCRES EN POUDRE ROUGES**
[72] FARRUGIA, VALERIE M., CA
[72] WOSNICK, JORDAN H., CA
[72] ROTBERG, ERIC, CA
[72] MOFFAT, KAREN A., CA
[72] VEREGIN, RICHARD P N., CA
[72] YANG, SUXIA, CA
[72] ALLEN, C. GEOFFREY, CA
[73] XEROX CORPORATION, US
[73] FARRUGIA, VALERIE M., CA
[73] WOSNICK, JORDAN H., CA
[73] ROTBERG, ERIC, CA
[73] MOFFAT, KAREN A., CA
[73] VEREGIN, RICHARD P N., CA
[73] YANG, SUXIA, CA
[73] ALLEN, C. GEOFFREY, CA
[86] (2831886)
[87] (2831886)
[22] 2013-10-30
[30] US (13/667,979) 2012-11-02

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[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **HYBRID TRANSPONDER SYSTEM FOR LONG-RANGE SENSING AND 3D LOCALIZATION**
[54] **SYSTEME TRANSPONDEUR HYBRIDE POUR DETECTION LONGUE PORTEE ET LOCALISATION 3D**
[72] SCHMIDT, HOWARD KHAN, SA
[72] AL-SHEHRI, ABDULLAH AWADH, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] SCHMIDT, HOWARD KHAN, ZZ
[73] AL-SHEHRI, ABDULLAH AWADH, ZZ
[85] 2013-10-03
[86] 2012-04-24 (PCT/US2012/034776)
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[51] **Int.Cl. A23L 7/122 (2016.01) A23L 33/125 (2016.01) A23G 1/40 (2006.01) A23G 1/54 (2006.01) A23G 3/42 (2006.01) A23G 3/54 (2006.01)**
[25] EN
[54] **BITE-SIZE NUTRITIONAL PRODUCTS HAVING A FILLING AND METHODS FOR USING SAME**
[54] **PRODUITS NUTRITIONNELS FOURRES DE LA TAILLE D'UNE BOUCHEE ET LEURS PROCEDES D'UTILISATION**
[72] ROY, MARIE GEORGINA, FR
[72] THONNEY, YVES MICHEL, CH
[73] NESTEC S.A., CH
[73] ROY, MARIE GEORGINA, ZZ
[73] THONNEY, YVES MICHEL, ZZ
[85] 2013-10-11
[86] 2012-05-03 (PCT/EP2012/058129)
[87] (WO2012/152650)
[30] US (61/483,093) 2011-05-06
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[51] **Int.Cl. H04N 5/30 (2006.01) H04N 5/33 (2006.01)**
[25] FR
[54] **METHOD OF CONTROLLING AN ACTION, SUCH AS A SHARPNESS MODIFICATION, USING A COLOUR DIGITAL IMAGE**
[54] **PROCEDE POUR COMMANDER UNE ACTION, NOTAMMENT UNE MODIFICATION DE NETTETE, A PARTIR D'UNE IMAGE NUMERIQUE EN COULEURS**
[72] CHANAS, LAURENT, FR
[72] TARCHOUNA, IMENE, FR
[72] GUICHARD, FREDERIC, FR
[72] LIEGE, BRUNO, FR
[72] MENIERE, JEROME, FR
[73] DXO LABS, FR
[73] CHANAS, LAURENT, ZZ
[73] TARCHOUNA, IMENE, ZZ
[73] GUICHARD, FREDERIC, ZZ
[73] LIEGE, BRUNO, ZZ
[73] MENIERE, JEROME, ZZ
[86] (2834963)
[87] (2834963)
[22] 2006-03-06
[62] 2,600,185
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[51] **Int.Cl. H04N 5/30 (2006.01)**
[25] FR
[54] **METHOD OF CONTROLLING AN ACTION, SUCH AS A SHARPNESS MODIFICATION, USING A COLOUR DIGITAL IMAGE**
[54] **PROCEDE POUR COMMANDER UNE ACTION, NOTAMMENT UNE MODIFICATION DE NETTETE, A PARTIR D'UNE IMAGE NUMERIQUE EN COULEURS**
[72] CHANAS, LAURENT, FR
[72] TARCHOUNA, IMENE, FR
[72] GUICHARD, FREDERIC, FR
[72] LIEGE, BRUNO, FR
[72] MENIERE, JEROME, FR
[73] DXO LABS, FR
[73] CHANAS, LAURENT, ZZ
[73] TARCHOUNA, IMENE, ZZ
[73] GUICHARD, FREDERIC, ZZ
[73] LIEGE, BRUNO, ZZ
[73] MENIERE, JEROME, ZZ
[86] (2835047)
[87] (2835047)
[22] 2006-03-06
[62] 2,600,185
[30] FR (0550601) 2005-03-07

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[13] A1
[51] **Int.Cl. B65G 47/51 (2006.01)**
[25] FR
[54] **DEVICE FOR THE ACCUMULATION OF PRODUCTS**
[54] **DISPOSITIF D'ACCUMULATION DE PRODUITS**
[72] DEFLANDRE, HERVE, FR
[73] DEFLANDRE, HERVE, FR
[85] 2013-11-13
[86] 2012-05-22 (PCT/FR2012/051131)
[87] (WO2012/160304)
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[51] **Int.Cl. H04L 12/40 (2006.01) G06F 1/26 (2006.01) H04L 12/10 (2006.01)**
[25] EN
[54] **SYSTEM BUS WITH VARIABLE OUTPUT POWER SUPPLY**
[54] **BUS SYSTEME A ALIMENTATION EN TENSION DE SORTIE VARIABLE**
[72] HOFFKNECHT, MARC, CA
[72] ROJAS, JAVIER ORLANDO, CA
[72] O'HAGAN, LIAM JOHN, CA
[73] OSRAM SYLVANIA INC., US
[73] HOFFKNECHT, MARC, CA
[73] ROJAS, JAVIER ORLANDO, CA
[73] O'HAGAN, LIAM JOHN, CA
[85] 2013-11-14
[86] 2012-06-15 (PCT/US2012/042570)
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[30] US (13/161,314) 2011-06-15
[30] US (13/161,340) 2011-06-15

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[51] **Int.Cl. H04W 4/02 (2009.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COLLECTING AND PROVIDING MAP IMAGES**
[54] **SYSTEMES ET PROCEDES DE RASSEMBLEMENT ET DE FOURNITURE D'IMAGES DE CARTES**
[72] KADOUS, MOHAMMED WALEED, US
[72] HEYWOOD, RUSSELL, US
[73] GOOGLE INC., US
[73] KADOUS, MOHAMMED WALEED, ZZ
[73] HEYWOOD, RUSSELL, ZZ
[85] 2013-11-22
[86] 2011-12-07 (PCT/US2011/063651)
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[51] **Int.Cl. F03D 80/40 (2016.01)**
[25] EN
[54] **WIND TURBINE BLADE AND RELATED METHOD OF MANUFACTURE**
[54] **PALE D'EOLIENNE ET PROCEDE DE FABRICATION AFFERENT**
[72] PELTOLA, ESA, FI
[72] VUOMAJOKI, PAULI, FI
[72] WALLENIUS, TOMAS, FI
[72] HUUHTANEN, RAIMO, FI
[73] PELTOLA, ESA, ZZ
[73] VUOMAJOKI, PAULI, ZZ
[73] WALLENIUS, TOMAS, ZZ
[73] HUUHTANEN, RAIMO, ZZ
[73] WICETEC OY, FI
[85] 2013-11-28
[86] 2012-05-30 (PCT/FI2012/050531)
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[30] FI (20115536) 2011-05-31

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[13] A1
[51] **Int.Cl. A61K 39/102 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS RELATED TO P6 OF HAEMOPHILUS INFLUENZAE**
[54] **COMPOSITIONS ET PROCEDES ASSOCIES A LA PROTEINE P6 DE L'HAEMOPHILUS INFLUENZAE**
[72] KHAN, M. NADEEM, US
[72] KAUR, RAVINDER, US
[72] SHARMA, SHARAD, US
[72] CASEY, JANET, US
[72] MICHEL, LEA, US
[72] PICHICHERO, MICHAEL, US
[73] ROCHESTER GENERAL HOSPITAL RESEARCH INSTITUTE, US
[73] KHAN, M. NADEEM, ZZ
[73] KAUR, RAVINDER, ZZ
[73] SHARMA, SHARAD, ZZ
[73] CASEY, JANET, ZZ
[73] MICHEL, LEA, ZZ
[73] PICHICHERO, MICHAEL, US
[85] 2013-12-03
[86] 2012-06-04 (PCT/US2012/040772)
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[30] US (61/493,437) 2011-06-04

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[25] EN
[54] **OLIGOSACCHARIDES COMPOSITION FOR PREVENTING OR REDUCING THE RISK OF METABOLIC SYNDROME**
[54] **COMPOSITION A BASE D'OLIGOSACCHARIDES POUR PREVENIR OU REDUIRE LE RISQUE DE SYNDROME METABOLIQUE**
[72] TZORTZIS, GEORGIOS, GB
[72] VULEVIC, JELENA, GB
[73] CLASADO INC., PA
[73] TZORTZIS, GEORGIOS, ZZ
[73] VULEVIC, JELENA, ZZ
[85] 2013-12-04
[86] 2012-06-20 (PCT/GB2012/051418)
[87] (WO2013/005001)
[30] GB (1111452.7) 2011-07-05

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[13] A1
[51] **Int.Cl. G08G 1/04 (2006.01) G08G 1/048 (2006.01) G01S 7/484 (2006.01) G01S 17/02 (2006.01) G08G 1/052 (2006.01) G08G 1/056 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRAFFIC SIDE DETECTION AND CHARACTERIZATION**
[54] **SYSTEME ET PROCEDE DE DETECTION LATERALE ET DE CARACTERISATION DE CIRCULATION**
[72] MIMEAULT, YVAN, CA
[72] GIDEL, SAMUEL, CA
[72] POULIN, MICHAEL, CA
[72] ARROUART, DAVID, CA
[73] LEDDARTECH INC., CA
[73] MIMEAULT, YVAN, CA
[73] GIDEL, SAMUEL, CA
[73] POULIN, MICHAEL, CA
[73] ARROUART, DAVID, CA
[85] 2013-12-12
[86] 2012-06-15 (PCT/IB2012/053045)
[87] (WO2012/172526)
[30] US (61/498,083) 2011-06-17

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[13] A1
[51] **Int.Cl. B67D 7/04 (2010.01) B67D 7/78 (2010.01) B67D 7/84 (2010.01)**
[25] EN
[54] **MOBILE FUEL DISTRIBUTION STATION**
[54] **STATION DE DISTRIBUTION DE CARBURANT MOBILE**
[72] CAJIGA, JOSE, US
[72] VILLAR, ARTURO CAJIGA, US
[72] VILLAR, VICENTE CAJIGA, US
[73] CAJIGA, JOSE, US
[73] VILLAR, ARTURO CAJIGA, US
[73] VILLAR, VICENTE CAJIGA, US
[85] 2013-12-13
[86] 2012-06-13 (PCT/US2012/042139)
[87] (WO2012/177451)
[30] US (13/163,850) 2011-06-20

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[13] A1
[51] **Int.Cl. A61F 13/49 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH A WAISTBAND AND LEG CUFF HAVING GATHERS**
[54] **ARTICLE ABSORBANT AYANT UNE CEINTURE MONTEE ET UNE MANCHETTE POUR LES JAMBES AYANT DES FRONCES**
[72] LAWSON, KATHLEEN MARIE, US
[72] RAYCHECK, JEROMY THOMAS, US
[72] CROSBY, JEFFREY WILL, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] LAWSON, KATHLEEN MARIE, ZZ
[73] RAYCHECK, JEROMY THOMAS, ZZ
[73] CROSBY, JEFFREY WILL, ZZ
[85] 2013-12-20
[86] 2012-06-07 (PCT/US2012/041218)
[87] (WO2012/177402)
[30] US (61/499,298) 2011-06-21

[11] **2,840,753**
[13] A1
[51] **Int.Cl. B62D 25/06 (2006.01)**
[25] EN
[54] **VEHICLE BODY STRUCTURE AND METHOD FOR ASSEMBLING VEHICLE BODY STRUCTURE**
[54] **STRUCTURE DE CARROSSERIE DE VEHICULE ET PROCEDE POUR ASSEMBLER UNE STRUCTURE DE CARROSSERIE DE VEHICULE**
[72] KISAKU, MASANORI, JP
[72] OCHIAI, KATSUMI, JP
[72] NAGAI, YUKIHIKO, JP
[73] KISAKU, MASANORI, ZZ
[73] OCHIAI, KATSUMI, ZZ
[73] NAGAI, YUKIHIKO, ZZ
[73] HONDA MOTOR CO., LTD., JP
[85] 2013-12-30
[86] 2012-06-19 (PCT/JP2012/065619)
[87] (WO2013/005567)
[30] JP (2011-147983) 2011-07-04

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01)**
[25] EN
[54] **AIR SEEDER MONITORING AND EQUALIZATION SYSTEM USING ACOUSTIC SENSORS**
[54] **SYSTEME DE SURVEILLANCE ET D'EQUILIBRE DE SEMOIR PNEUMATIQUE UTILISANT DES CAPTEURS ACOUSTIQUES**
[72] GELINSKE, JOSHUA N., US
[72] REICH, ADAM A., US
[72] BATCHELLER, BARRY D., US
[73] GELINSKE, JOSHUA N., US
[73] REICH, ADAM A., US
[73] BATCHELLER, BARRY D., US
[73] INTELLIGENT AGRICULTURAL SOLUTIONS, LLC, US
[85] 2014-01-03
[86] 2012-03-12 (PCT/US2012/028795)
[87] (WO2012/125575)
[30] US (13/046,549) 2011-03-11

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[13] A1
[51] **Int.Cl. B08B 3/08 (2006.01) B01D 15/10 (2006.01) B08B 9/027 (2006.01) C07B 41/08 (2006.01) C07C 51/34 (2006.01) C07C 51/44 (2006.01) C07C 53/126 (2006.01) C07C 55/02 (2006.01) C07C 55/18 (2006.01)**
[25] EN
[54] **CLEANING COMPOSITIONS AND METHOD OF USING THE SAME**
[54] **COMPOSITIONS NETTOYANTES ET LEUR PROCEDE D'UTILISATION**
[72] WALKER, THOMAS CHAD, US
[73] EMERY OLEOCHEMICALS LLC, US
[73] WALKER, THOMAS CHAD, ZZ
[85] 2014-01-14
[86] 2012-01-26 (PCT/US2012/022722)
[87] (WO2012/103334)
[30] US (61/437,585) 2011-01-28

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[51] **Int.Cl. E06B 1/70 (2006.01) E06B 7/14 (2006.01)**
[25] EN
[54] **SILL DRAINAGE MEMBER**
[54] **ELEMENT DE DRAINAGE D'APPUI DE FENETRE**
[72] HUGHES, DAVID GEORGE, NZ
[72] GILDEN, RUSSELL LESLIE, NZ
[72] CLARKE, GRAEME FRANCIS, NZ
[72] SMITH, CHRISTOPHER JOHN, NZ
[72] HUGHES, GLENN, NZ
[73] RETRO-FIT NZ LIMITED, NZ
[73] HUGHES, DAVID GEORGE, ZZ
[73] GILDEN, RUSSELL LESLIE, ZZ
[73] CLARKE, GRAEME FRANCIS, ZZ
[73] SMITH, CHRISTOPHER JOHN, ZZ
[73] HUGHES, GLENN, ZZ
[85] 2013-12-02
[86] 2011-07-12 (PCT/NZ2011/000129)
[87] (WO2012/008854)
[30] NZ (586749) 2010-07-12

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[51] **Int.Cl. C22C 38/06 (2006.01) B21B 3/00 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH COLD-ROLLED STEEL SHEET HAVING EXCELLENT STRETCH FLANGEABILITY AND PRECISION PUNCHABILITY AND MANUFACTURING METHOD THEREOF**
[54] **FEUILLE D'ACIER LAMINEE A FROID A HAUTE RESISTANCE AYANT UNE EXCELLENTE APTITUDE A FORMER DES BORDS PAR ETIRAGE ET UNE EXCELLENTE APTITUDE AU POINCONNAGE DE PRECISION ET SON PROCEDE DE FABRICATION**
[72] SHUTO, HIROSHI, JP
[72] FUJITA, NOBUHIRO, JP
[72] YOKOI, TATSUO, JP
[72] OKAMOTO, RIKI, JP
[72] NAKANO, KAZUAKI, JP
[72] WATANABE, SHINICHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] SHUTO, HIROSHI, ZZ
[73] FUJITA, NOBUHIRO, ZZ
[73] YOKOI, TATSUO, ZZ
[73] OKAMOTO, RIKI, ZZ
[73] NAKANO, KAZUAKI, ZZ
[73] WATANABE, SHINICHIRO, ZZ
[85] 2014-01-24
[86] 2012-07-27 (PCT/JP2012/069259)
[87] (WO2013/015428)
[30] JP (2011-164383) 2011-07-27

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[13] A1
[51] **Int.Cl. E04B 2/82 (2006.01) E04B 2/74 (2006.01) E04G 23/02 (2006.01) E06B 3/673 (2006.01)**
[25] EN
[54] **ARRANGEMENT AND METHOD FOR RETROFITTING GLASS WALL PANEL SYSTEM WITH GLASS WALL PANEL**
[54] **AGENCEMENT ET PROCEDE DE MODIFICATION D'UN SYSTEME DE PANNEAU MURAL EN VERRE AU MOYEN D'UN PANNEAU MURAL EN VERRE**
[72] KOPISH, ANDREW J., US
[73] KRUEGER INTERNATIONAL, INC., US
[73] KOPISH, ANDREW J., ZZ
[86] (2843712)
[87] (2843712)
[22] 2014-02-21
[30] US (14/168,542) 2014-01-30

[11] **2,844,555**
[13] A1
[51] **Int.Cl. E04B 1/41 (2006.01) E04B 1/76 (2006.01) E04F 13/22 (2006.01)**
[25] EN
[54] **THERMALLY COATED WALL ANCHOR AND ANCHORING SYSTEMS WITH IN-CAVITY THERMAL BREAKS**
[54] **ANCRAGE MURAL A REVETEMENT THERMIQUE ET SYSTEMES D'ANCRAGE A COUPURES THERMIQUES DANS LES CAVITES**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[73] HOHMANN, RONALD P., JR., ZZ
[86] (2844555)
[87] (2844555)
[22] 2014-03-04
[30] US (13/789,995) 2013-03-08

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[13] A1
[51] **Int.Cl. C02F 1/68 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **REMINERALIZATION OF DESALINATED AND OF FRESH WATER BY DOSING OF A CALCIUM CARBONATE SOLUTION IN SOFT WATER**
[54] **REMINERALISATION D'EAU DESALINISEE ET D'EAU DOUCE PAR DOSAGE D'UNE DE SOLUTION DE CARBONATE DE CALCIUM DANS DE L'EAU ADOUCIE**
[72] POFFET, MARTINE, CH
[72] SKOVBY, MICHAEL, CH
[72] POHL, MICHAEL, AT
[73] OMYA INTERNATIONAL AG, CH
[73] POFFET, MARTINE, ZZ
[73] SKOVBY, MICHAEL, ZZ
[73] POHL, MICHAEL, ZZ
[85] 2014-02-07
[86] 2012-08-28 (PCT/EP2012/066673)
[87] (WO2013/030185)
[30] EP (11179541.5) 2011-08-31
[30] US (61/531,691) 2011-09-07

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[51] **Int.Cl. B64C 1/06 (2006.01) B29C 70/30 (2006.01) B64C 3/18 (2006.01) B64C 3/24 (2006.01) F16S 3/00 (2006.01)**
[25] EN
[54] **COMPOSITE HAT STIFFENER**
[54] **RAIDISSEUR DE CHAPEAU COMPOSITE**
[72] FIRKO, JASON LAWRENCE, US
[72] MAZZA, CHRISTOPHER, US
[73] THE BOEING COMPANY, US
[73] FIRKO, JASON LAWRENCE, ZZ
[73] MAZZA, CHRISTOPHER, ZZ
[86] (2845742)
[87] (2845742)
[22] 2014-03-11
[30] US (13/905,294) 2013-05-30

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[13] A1
[51] **Int.Cl. H04N 13/00 (2006.01)**
[25] EN
[54] **DIGITAL BROADCAST SIGNAL PROCESSING METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SIGNAL DE DIFFUSION NUMERIQUE**
[72] HONG, HOTAEK, KR
[72] CHOE, JEEHYUN, KR
[72] KIM, JINPIL, KR
[72] SUH, JONGYEUL, KR
[73] LG ELECTRONICS INC., KR
[73] HONG, HOTAEK, ZZ
[73] CHOE, JEEHYUN, ZZ
[73] KIM, JINPIL, ZZ
[73] SUH, JONGYEUL, ZZ
[85] 2014-02-19
[86] 2012-08-29 (PCT/KR2012/006888)
[87] (WO2013/032221)
[30] US (61/529,253) 2011-08-31

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[13] A1
[51] **Int.Cl. A61K 8/06 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING PERSONAL CARE COMPOSITION COMPRISING SURFACTANT SYSTEM AND HIGH MELTING POINT FATTY COMPOUND**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE SOINS PERSONNELS COMPRENANT UN SYSTEME TENSIOACTIF ET UN COMPOSE GRAS A POINT DE FUSION ELEVE**
[72] OKADA, TOSHIYUKI, SG
[72] MAEDA, SHOKO, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[73] OKADA, TOSHIYUKI, ZZ
[73] MAEDA, SHOKO, ZZ
[85] 2014-02-25
[86] 2012-09-14 (PCT/US2012/055375)
[87] (WO2013/040331)
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[51] **Int.Cl. A61K 31/352 (2006.01) A61K 35/644 (2015.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **ANTI-DIABETIC PRENYLFLAVANONE COMPOUNDS ISOLATED FROM TAIWANESE GREEN PROPOLIS**
[54] **COMPOSES DE PRENYLFLAVANONE ANTI-DIABETE ISOLES DE PROPOLIS VERT TAIWANAIS**
[72] CHEN, CHIA-NAN, TW
[72] CHI, LI-LING, TW
[73] NATUREWISE BIOTECH & MEDICALS CORPORATION, TW
[73] CHEN, CHIA-NAN, ZZ
[73] CHI, LI-LING, ZZ
[86] (2847877)
[87] (2847877)
[22] 2014-03-28
[30] US (61/806,553) 2013-03-29

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[13] A1
[51] **Int.Cl. E21D 9/11 (2006.01)**
[25] EN
[54] **DEVICE FOR MONITORING THE STATE OF ROTATION OF A DISK CUTTER ARRANGEMENT OF A SHIELD TUNNEL BORING MACHINE AND DISK CUTTER ARRANGEMENT FOR A SHIELD TUNNEL BORING MACHINE**
[54] **DISPOSITIF POUR SURVEILLER LA ROTATION D'UN SYSTEME DE GALETS DE COUPE D'UN ENGIN D'AVANCEMENT AU BOUCLIER ET SYSTEME DE GALETS DE COUPE POUR UN ENGIN D'AVANCEMENT AU BOUCLIER**
[72] EDELMANN, THOMAS JOSEF, DE
[72] HIMMELSBACH, CHRISTIAN, DE
[73] HERRENKNECHT AG, DE
[73] EDELMANN, THOMAS JOSEF, ZZ
[73] HIMMELSBACH, CHRISTIAN, ZZ
[85] 2014-03-17
[86] 2012-09-14 (PCT/DE2012/000914)
[87] (WO2013/050010)
[30] DE (10 2011 114 830.6) 2011-10-05

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[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **LASER-ASSISTED EPITHELIAL REMOVAL**
[54] **ELIMINATION D'EPITHELIUM ASSISTEE PAR LASER**
[72] DONITZKY, CHRISTOF, DE
[72] KLENKE, JOERG, DE
[73] WAVELIGHT GMBH, DE
[73] DONITZKY, CHRISTOF, ZZ
[73] KLENKE, JOERG, ZZ
[85] 2014-03-20
[86] 2011-11-10 (PCT/EP2011/005659)
[87] (WO2013/068025)

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[13] A1
[51] **Int.Cl. C22C 9/04 (2006.01) C22F 1/08 (2006.01)**
[25] EN
[54] **LEADLESS FREE-CUTTING COPPER ALLOY AND METHOD FOR PRODUCING THE SAME**
[54] **ALLIAGE DE DECOLLETAGE EN CUIVRE SANS PLOMB ET SON PROCEDE DE PRODUCTION**
[72] LEE, BEUM JAE, KR
[72] KIM, WON HONE, KR
[72] PARK, CHEOL MIN, KR
[72] CHO, YOUNG RE, KR
[72] JEONG, MIN JAE, KR
[73] POONGSAN CORPORATION, KR
[73] LEE, BEUM JAE, ZZ
[73] KIM, WON HONE, ZZ
[73] PARK, CHEOL MIN, ZZ
[73] CHO, YOUNG RE, ZZ
[73] JEONG, MIN JAE, ZZ
[85] 2014-03-25
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[30] KR (10-2011-0099741) 2011-09-30

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[51] **Int.Cl. F24F 7/06 (2006.01) F04D 25/08 (2006.01) F24F 11/02 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **VENTILATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE VENTILATION**
[72] ZAKULA, MIRKO, US
[72] PENLESKY, ROBERT G., US
[72] KARST, DANIEL L., US
[73] BROAN-NUTONE LLC, US
[73] ZAKULA, MIRKO, ZZ
[73] PENLESKY, ROBERT G., ZZ
[73] KARST, DANIEL L., ZZ
[85] 2014-03-31
[86] 2013-08-12 (PCT/US2013/054539)
[87] (WO2014/035651)
[30] US (13/597,174) 2012-08-28

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[51] **Int.Cl. A61F 2/38 (2006.01) A61B 17/56 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE IN-SITU PRODUCTION OF ARTICULATED SPACERS**
[54] **DISPOSITIF ET METHODE POUR LA PRODUCTION IN SITU D'ENTRETOISES ARTICULEES**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[73] VOGT, SEBASTIAN, ZZ
[86] (2850867)
[87] (2850867)
[22] 2014-05-01
[30] DE (10 2013 209 171.0) 2013-05-17

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[51] **Int.Cl. A23L 31/15 (2016.01) A23L 5/41 (2016.01) A23L 33/145 (2016.01) A23L 33/16 (2016.01) A23L 2/52 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING ZINC-RICH YEAST EXTRACT, ZINC-RICH YEAST EXTRACT, AND GREEN-RETAINING/-RESTORING AGENT FOR FOOD AND VEGETABLES**
[54] **PROCEDE DE PRODUCTION D'UN EXTRAIT DE LEVURE RICHE EN ZINC, EXTRAIT DE LEVURE RICHE EN ZINC ET AGENT DE CONSERVATION/RESTAURATIO N DE LA COULEUR VERTE POUR DES PRODUITS ALIMENTAIRES ET DES LEGUMES**
[72] KODOI, RIE, JP
[72] TAKAHASHI, TAKAYASU, JP
[72] OKA, OSAMU, JP
[72] URASAKI, HIROMI, JP
[73] ORIENTAL YEAST CO., LTD., JP
[73] KODOI, RIE, ZZ
[73] TAKAHASHI, TAKAYASU, ZZ
[73] OKA, OSAMU, ZZ
[73] URASAKI, HIROMI, ZZ
[85] 2014-04-02
[86] 2012-09-27 (PCT/JP2012/074930)
[87] (WO2013/051461)
[30] JP (2011-220309) 2011-10-04

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[51] **Int.Cl. B65G 33/08 (2006.01) A01D 90/10 (2006.01) A01F 25/14 (2006.01) B65D 88/26 (2006.01) B65G 33/00 (2006.01) B65G 67/24 (2006.01)**
[25] EN
[54] **AGRICULTURAL SYSTEM FOR CONVEYING PRODUCT TO A HOLDING CONTAINER**
[54] **SYSTEME AGRICOLE POUR TRANSPORTER UN PRODUIT VERS UN RECIPIENT DE CONTENANT**
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] HALL, KEVIN NORMAN, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[73] KOWALCHUK, TREVOR LAWRENCE, CA
[73] HALL, KEVIN NORMAN, CA
[85] 2014-04-02
[86] 2012-10-03 (PCT/IB2012/055306)
[87] (WO2013/054233)
[30] US (13/273,103) 2011-10-13

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[51] **Int.Cl. C07C 59/72 (2006.01) A61K 31/133 (2006.01) A61K 31/192 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING DIETHANOLAMINE SALTS OF TREPROSTINIL IN THE TREATMENT OF PULMONARY HYPERTENSION AND OTHER CARDIOVASCULAR DISEASES**
[54] **COMPOSITIONS RENFERMANT DES SELS DE DIETHANOLAMINE DE TREPROSTINIL POUR LE TRAITEMENT DE L'HYPERTENSION PULMONAIRE ET D'AUTRES MALADIES CARDIOVASCULAIRES**
[72] PHARES, KEN, US
[72] MOTTOLA, DAVID, US
[73] UNITED THERAPEUTICS CORPORATION, US
[73] PHARES, KEN, ZZ
[73] MOTTOLA, DAVID, ZZ
[86] (2851309)
[87] (2851309)
[22] 2004-05-24
[62] 2,736,406
[30] US (60/472,407) 2003-05-22

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[51] **Int.Cl. A61C 9/00 (2006.01) A61C 8/00 (2006.01)**
[25] EN
[54] **IMPRESSION GINGIVAL CUFF FOR DENTAL IMPLANTS**
[54] **MANCHON GINGIVAL D'EMPREINTE POUR IMPLANT DENTAIRE**
[72] FUDIM, ZVI, CA
[73] FUDIM, ZVI, CA
[85] 2014-04-17
[86] 2011-10-24 (PCT/CA2011/050665)
[87] (WO2012/055039)
[30] US (61/406,159) 2010-10-24

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[51] **Int.Cl. A61G 13/00 (2006.01)**
[25] EN
[54] **WORK SURFACE EXTENSIONS FOR EMBALMING TABLES AND EMBALMING TABLES INCLUDING THE SAME**
[54] **PROLONGEMENTS DE SURFACE DE TRAVAIL DE TABLES D'EMBAUMEMENT ET TABLES D'EMBAUMEMENT LES COMPRENANT**
[72] BOURGRAF, ELROY, JR., US
[72] BRUNKE, JON CARL, US
[73] FERNO-WASHINGTON, INC., US
[73] BOURGRAF, ELROY, JR., ZZ
[73] BRUNKE, JON CARL, ZZ
[85] 2014-04-17
[86] 2011-10-20 (PCT/US2011/057098)
[87] (WO2013/058753)

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[51] **Int.Cl. A61K 33/22 (2006.01) A61P 13/02 (2006.01) A61P 15/02 (2006.01) A61P 31/00 (2006.01) A61P 31/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING VAGINAL INFECTIONS AND PATHOGENIC VAGINAL BIOFILMS**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER DES INFECTIONS VAGINALES ET DES BIOFILMS VAGINAUX PATHOGENES**
[72] GORDON, SUZANNE, US
[72] FLYNN, DAWN, US
[73] TOLTEC PHARMACEUTICALS, LLC, US
[73] GORDON, SUZANNE, ZZ
[73] FLYNN, DAWN, ZZ
[86] (2853152)
[87] (2853152)
[22] 2008-11-26
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[30] US (60/991,308) 2007-11-30

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[51] **Int.Cl. B23C 5/20 (2006.01) B23C 5/06 (2006.01)**
[25] EN
[54] **CUTTING INSERT AND CUTTING TOOL**
[54] **PLAQUETTE DE COUPE ET OUTIL DE COUPE**
[72] SATRAN, AMIR, IL
[72] TULCHINSKY, EVGENY, IL
[73] ISCAR LTD., IL
[73] SATRAN, AMIR, ZZ
[73] TULCHINSKY, EVGENY, ZZ
[85] 2014-04-29
[86] 2012-11-20 (PCT/IL2012/050467)
[87] (WO2013/093907)
[30] US (61/577,428) 2011-12-19

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[13] A1
[51] **Int.Cl. H01M 12/06 (2006.01)**
[25] FR
[54] **AQUEOUS ELECTROLYTE FOR LITHIUM-AIR BATTERY**
[54] **ELECTROLYTE AQUEUX POUR BATTERIE LITHIUM-AIR**
[72] STEVENS, PHILIPPE, FR
[72] TOUSSAINT, GWENAELLE, FR
[72] MOUREAUX, FLORIAN, FR
[72] CHATENET, MARIAN, FR
[73] ELECTRICITE DE FRANCE, FR
[73] STEVENS, PHILIPPE, ZZ
[73] TOUSSAINT, GWENAELLE, ZZ
[73] MOUREAUX, FLORIAN, ZZ
[73] CHATENET, MARIAN, ZZ
[85] 2014-04-30
[86] 2012-11-08 (PCT/FR2012/052576)
[87] (WO2013/068694)
[30] FR (11 60224) 2011-11-09

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[13] A1
[51] **Int.Cl. F41A 21/30 (2006.01) F41A 21/32 (2006.01)**
[25] EN
[54] **SILENCER FOR A FIREARM**
[54] **SILENCIEUX POUR ARME A FEU**
[72] JOHANSEN, ANDERS ECKHOFF, NO
[73] A-TEC HOLDING AS, NO
[73] JOHANSEN, ANDERS ECKHOFF, ZZ
[85] 2014-05-08
[86] 2012-11-27 (PCT/EP2012/073733)
[87] (WO2013/079483)
[30] NO (20111648) 2011-11-29

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[51] **Int.Cl. A23G 4/06 (2006.01) A23B 7/02 (2006.01) A23B 7/024 (2006.01) A23B 7/026 (2006.01) A23G 4/08 (2006.01) A23G 4/10 (2006.01) A23L 19/00 (2016.01)**
[25] EN
[54] **CHEWING GUM COMPOSITIONS BASED ON DRIED FRUIT POWDERS**
[54] **COMPOSITIONS DE GOMMES A MACHER A BASE DE POUDRES DE FRUITS DESHYDRATES**
[72] MO, XIAOQUN, US
[72] XIA, XIAOHU, US
[72] SHEPHERD, PHILIP, US
[72] PHILLIPS, DAVID R., US
[73] WM. WRIGLEY JR. COMPANY, US
[73] MO, XIAOQUN, ZZ
[73] XIA, XIAOHU, ZZ
[73] SHEPHERD, PHILIP, ZZ
[73] PHILLIPS, DAVID R., ZZ
[85] 2014-05-12
[86] 2012-11-15 (PCT/US2012/065238)
[87] (WO2013/074762)
[30] US (61/560,927) 2011-11-17

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[13] A1
[51] **Int.Cl. B22D 17/22 (2006.01) B22D 17/02 (2006.01)**
[25] EN
[54] **DIE CAST NOZZLE AND METHOD FOR OPERATING A DIE CAST NOZZLE**
[54] **BUSE DE MOULAGE SOUS PRESSION ET PROCEDE DE FONCTIONNEMENT D'UNE BUSE DE MOULAGE SOUS PRESSION**
[72] KUSIC, IGOR, DE
[73] FERROFACTA GMBH, DE
[73] KUSIC, IGOR, ZZ
[85] 2014-05-13
[86] 2012-11-15 (PCT/DE2012/100349)
[87] (WO2013/071926)
[30] DE (10 2011 055 398.3) 2011-11-15
[30] DE (10 2012 102 549.5) 2012-03-26

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[51] **Int.Cl. B61B 3/00 (2006.01)**
[25] EN
[54] **CABLEWAY SYSTEM FOR TRANSPORTING PERSONS**
[54] **SYSTEME DE CABLAGE POUR LE TRANSPORT DE PERSONNES**
[72] MORITZHUBER, JOHANNES, AT
[73] INNOVA PATENT GMBH, AT
[73] MORITZHUBER, JOHANNES, ZZ
[86] (2856980)
[87] (2856980)
[22] 2014-07-16
[30] AT (A 712/2013) 2013-09-16

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[13] A1
[51] **Int.Cl. G01N 3/32 (2006.01)**
[25] EN
[54] **SYSTEM FOR MECHANICAL STIMULATION AND CHARACTERIZATION OF BIOLOGIC SAMPLES**
[54] **SYSTEME POUR STIMULATION MECANIQUE ET CARACTERISATION D'ECHANTILLONS BIOLOGIQUES**
[72] WILLIAMS, CHRYSANTHI, US
[72] NICKEL, TROY D., US
[72] JACOBITES, BROCK N., US
[72] MALKASIAN, HARRY, US
[72] OWENS, AARON M., US
[73] WILLIAMS, CHRYSANTHI, ZZ
[73] NICKEL, TROY D., ZZ
[73] JACOBITES, BROCK N., ZZ
[73] MALKASIAN, HARRY, ZZ
[73] OWENS, AARON M., ZZ
[73] TA INSTRUMENTS-WATERS L.L.C., US
[85] 2014-05-28
[86] 2012-11-19 (PCT/US2012/065756)
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[30] US (13/332,495) 2011-12-21

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **HEART VALVE REPAIR DEVICE**
[54] **DISPOSITIF DE REPARATION DE VALVULE CARDIAQUE**
[72] ALON, DAVID, IL
[72] KUCK, KARL-HEINZ, DE
[73] ALON, DAVID, IL
[73] KUCK, KARL-HEINZ, DE
[85] 2014-06-04
[86] 2012-12-10 (PCT/IB2012/057138)
[87] (WO2013/088327)
[30] US (61/569,304) 2011-12-12
[30] US (61/683,736) 2012-08-16

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[51] **Int.Cl. A61K 31/485 (2006.01) A61K 45/06 (2006.01) A61P 25/04 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **SAMIDORPHAN (ALKS 33) IN COMBINATION WITH OPIOID AGONISTS**
[54] **SAMIDORPHAN (ALKS 33) EN COMBINAISON AVEC DES AGONISTES OPIOIDES**
[72] DEAVER, DANIEL, US
[72] EHRICH, ELLIOT, US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
[73] DEAVER, DANIEL, ZZ
[73] EHRICH, ELLIOT, ZZ
[85] 2014-06-10
[86] 2012-12-17 (PCT/IB2012/002892)
[87] (WO2013/088242)
[30] US (61/576,233) 2011-12-15
[30] US (13/715,518) 2012-12-14
[30] US (PCT/US2012/069880) 2012-12-14

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[13] A1
[51] **Int.Cl. E21B 43/27 (2006.01) C09K 8/72 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **A METHOD OF INCREASING EFFICIENCY IN A HYDRAULIC FRACTURING OPERATION**
[54] **PROCEDE PERMETTANT D'AUGMENTER LE RENDEMENT DANS UNE OPERATION DE FRACTURATION HYDRAULIQUE**
[72] CURTIS, JAMES ANDREW, US
[72] GOMEZ CASANOVA, JULIO RODOLFO, CO
[73] BAKER HUGHES INCORPORATED, US
[73] CURTIS, JAMES ANDREW, ZZ
[73] GOMEZ CASANOVA, JULIO RODOLFO, ZZ
[85] 2014-06-18
[86] 2013-01-25 (PCT/US2013/023114)
[87] (WO2013/112811)
[30] US (13/359,684) 2012-01-27

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[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/92 (2006.01)**
[25] EN
[54] **NANOHYBRID PHASE INTERFACES FOR ALTERING WETTABILITY IN OIL FIELD APPLICATIONS**
[54] **INTERFACES DE PHASE NANOHYBRIDE POUR ALTERER LA MOUILLABILITE DANS DES APPLICATIONS DE CHAMP PETROLIFERE**
[72] SAINI, RAJESH KUMAR, US
[72] NORMAN, LEWIS RHYNE, US
[73] SAINI, RAJESH KUMAR, ZZ
[73] NORMAN, LEWIS RHYNE, ZZ
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-07-07
[86] 2013-01-29 (PCT/US2013/023591)
[87] (WO2013/116198)
[30] US (13/364,770) 2012-02-02

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[13] A1
[51] **Int.Cl. E03F 1/00 (2006.01)**
[25] EN
[54] **DRAINAGE BODY SURFACE UNIT**
[54] **UNITE DE SURFACE DE CORPS DE FOSSE FILTRANT**
[72] MEINCKE, ARNE, DE
[73] ACO SEVERIN AHLMANN GMBH & CO. KG, DE
[73] MEINCKE, ARNE, ZZ
[85] 2014-07-11
[86] 2013-01-23 (PCT/EP2013/051198)
[87] (WO2013/110635)
[30] DE (10 2012 100 552.4) 2012-01-24

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[13] A1
[51] **Int.Cl. H04L 12/801 (2013.01)**
[25] EN
[54] **HANDLING USER PLANE CONGESTION IN A WIRELESS COMMUNICATION NETWORK**
[54] **GESTION D'ENGORGEMENT DE PLAN D'UTILISATEUR DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] VENKATACHALAM, MUTHAIAH, US
[72] JAIN, PUNEET, US
[72] SIOW, ERIC, US
[73] INTEL CORPORATION, US
[73] VENKATACHALAM, MUTHAIAH, ZZ
[73] JAIN, PUNEET, ZZ
[73] SIOW, ERIC, ZZ
[85] 2014-07-16
[86] 2013-02-04 (PCT/US2013/024646)
[87] (WO2013/119506)
[30] US (61/595,576) 2012-02-06
[30] US (13/563,508) 2012-07-31

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[51] **Int.Cl. C02F 1/04 (2006.01) E21B 43/24 (2006.01) E21B 43/40 (2006.01) F22B 29/06 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECYCLING WATER**
[54] **PROCEDE ET APPAREIL POUR LE RECYCLAGE DE L'EAU**
[72] MANDIGO, GREGORY J., US
[72] BJORKLUND, DANIEL P., US
[73] MANDIGO, GREGORY J., ZZ
[73] BJORKLUND, DANIEL P., ZZ
[73] AQUATECH INTERNATIONAL, LLC, US
[85] 2014-06-25
[86] 2013-12-18 (PCT/US2013/075973)
[87] (WO2014/100098)
[30] US (61/738,652) 2012-12-18

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[51] **Int.Cl. H01M 8/0273 (2016.01) H01M 8/0202 (2016.01) H01M 8/1004 (2016.01) H01M 8/2465 (2016.01)**
[25] EN
[54] **CELL STRUCTURE, OF FUEL CELL, HAVING MEANS FOR HOLDING GAS-PERMEABLE METAL POROUS BODY EXTENSION BETWEEN A SEPARATOR AND AN EMBEDDING PORTION OF FRAME AROUND ELECTROLYTE MEMBRANE**
[54] **STRUCTURE DE PILE D'UNE PILE A COMBUSTIBLE COMPORTANT DES MECANISMES DE MAINTIEN D'EXTENSION DE CORPS POREUX METALLIQUES PERMEABLES AU GAZ ENTRE UN SEPARATEUR ET UNE PORTION INTEGREE D'UN CADRE AUTOUR D'UNE MEMBRANE D'ELECTROLYTE**
[72] NUMAO, YASUHIRO, JP
[72] KOTAKA, TOSHIKAZU, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] NUMAO, YASUHIRO, ZZ
[73] KOTAKA, TOSHIKAZU, ZZ
[85] 2014-07-21
[86] 2013-03-18 (PCT/JP2013/057604)
[87] (WO2013/141192)
[30] JP (2012-065286) 2012-03-22

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[13] A1
[51] **Int.Cl. C07F 7/30 (2006.01) A61K 31/28 (2006.01)**
[25] EN
[54] **COMPLEXES OF GERMANIUM WITH AMINO ACIDS AND CARBOXYLIC ACIDS AND METHOD FOR PREPARING THE SAME**
[54] **COMPOSES COMPLEXES DE GERMANIUM AVEC DES ACIDES AMINES ET DES ACIDES DE CARBONE AINSI QUE PROCEDE DE LEUR FABRICATION**
[72] ISAEV, ALEXANDR DMITRIEVICH, RU
[72] MANASHEROV, TAMAZ OMAROVICH, RU
[72] AMBROSOV, IGOR VALERIEVICH, RU
[72] MATELO, SVETLANA KONSTANTINOVNA, RU
[73] OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "WDS FARMA", RU
[73] ISAEV, ALEXANDR DMITRIEVICH, ZZ
[73] MANASHEROV, TAMAZ OMAROVICH, ZZ
[73] AMBROSOV, IGOR VALERIEVICH, ZZ
[73] MATELO, SVETLANA KONSTANTINOVNA, ZZ
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[25] EN
[54] **METHOD AND APPARATUS FOR ANTI-ICING AND DEICING POWER TRANSMISSION LINES**
[54] **PROCEDES ET APPAREIL POUR L'ANTIGIVRAGE ET LE DEGIVRAGE DE LIGNES DE TRANSMISSION ELECTRIQUES**
[72] GAO, LIJUN, US
[72] SACKMAN, RONALD, US
[72] ROE, GEORGE, US
[73] THE BOEING COMPANY, US
[73] GAO, LIJUN, ZZ
[73] SACKMAN, RONALD, ZZ
[73] ROE, GEORGE, ZZ
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[54] **SCREW COMPRESSOR**
[54] **COMPRESSEUR A VIS**
[72] DESIRON, ANDRIES JAN F., BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[73] DESIRON, ANDRIES JAN F., ZZ
[85] 2014-07-24
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[87] (WO2013/126970)
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[51] **Int.Cl. A63H 1/00 (2006.01) A63H 1/02 (2006.01)**
[25] EN
[54] **TOY TOP**
[54] **DESSUS DE JOUET**
[72] CHOI, SHIN-KYU, KR
[73] CHOI, SHIN-KYU, KR
[85] 2014-07-24
[86] 2013-02-20 (PCT/KR2013/001302)
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[30] KR (10-2012-0016874) 2012-02-20

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[13] A1
[51] **Int.Cl. H04N 5/232 (2006.01)**
[25] EN
[54] **TABLET CONTROLLED CAMERA SYSTEM**
[54] **SYSTEME DE CAMERA COMMANDE PAR UN ORDINATEUR DE TYPE TABLETTE**
[72] KENNEDY, BRUCE, US
[72] DEPPMEIER, TOM, US
[72] SPEIER, CRAIG, US
[73] ARTHREX, INC., US
[73] KENNEDY, BRUCE, ZZ
[73] DEPPMEIER, TOM, ZZ
[73] SPEIER, CRAIG, ZZ
[85] 2014-08-05
[86] 2013-02-05 (PCT/US2013/024771)
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[30] US (61/595,827) 2012-02-07
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[25] EN
[54] **CONTROL MECHANISM FOR AN AUTOMATIC COLLAPSIBLE UMBRELLA**
[54] **MECANISME DE COMMANDE POUR PARAPLUIE REFERMABLE AUTOMATIQUE**
[72] CHEN, TIEN-CHENG, CN
[72] SUNG, SUN-FENG, CN
[73] XIAMEN MINGHE INDUSTRY CO., LTD., CN
[73] CHEN, TIEN-CHENG, ZZ
[73] SUNG, SUN-FENG, ZZ
[86] (2864242)
[87] (2864242)
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[25] EN
[54] **BEARING ASSEMBLY WITH SPACER FOR LOCATING A SEAL SLEEVE**
[54] **ENSEMBLE SUPPORT AVEC ESPACEUR POUR POSITIONNER UN MANCHON D'ETANCHEITE**
[72] KATTENBERG, JOHN T., US
[73] KICE INDUSTRIES, INC., US
[73] KATTENBERG, JOHN T., ZZ
[86] (2864575)
[87] (2864575)
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[25] EN
[54] **INPUT PARSING AND ARRAY MANIPULATION IN RESERVOIR SIMULATION**
[54] **ANALYSE DE SAISIES ET MANIPULATION DE TABLEAUX EN SIMULATION DE RESERVOIRS**
[72] HAHN, WERNER ARTUR, SA
[72] MIDDYA, USUF, SA
[72] HOY, HENRY H., SA
[72] HUBAIL, MAITHAM M., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] HAHN, WERNER ARTUR, ZZ
[73] MIDDYA, USUF, ZZ
[73] HOY, HENRY H., ZZ
[73] HUBAIL, MAITHAM M., ZZ
[85] 2014-08-19
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[25] EN
[54] **PROCESS FOR PREPARING SCALENOHEDRAL PRECIPITATED CALCIUM CARBONATE**
[54] **PROCEDE POUR LA PREPARATION DE CARBONATE DE CALCIUM PRECIPITE SCALENOEDRIQUE**
[72] WENK, JOE, US
[72] SAUNDERS, GEORGE, US
[72] MAURER, MARC, FR
[72] SKRZYPCZAK, MATHIEU, FR
[73] OMYA INTERNATIONAL AG, CH
[73] WENK, JOE, ZZ
[73] SAUNDERS, GEORGE, ZZ
[73] MAURER, MARC, ZZ
[73] SKRZYPCZAK, MATHIEU, ZZ
[85] 2014-08-26
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[25] EN
[54] **SALT OF 1-(2-DEOXY-2-FLUORO-4-THIO-.BETA.-D-ARABINOFURANOSYL)CYTOSINE**
[54] **SEL DE 1-(2-DEOXY-2-FLUORO-4-THIO-.BETA.-D-ARABINOFURANOSYL)CYTOSINE**
[72] BABA, YASUTAKA, JP
[72] MURAKAMI, TATSUYA, JP
[72] SHINTANI, JUNKO, JP
[73] FUJIFILM CORPORATION, JP
[73] BABA, YASUTAKA, ZZ
[73] MURAKAMI, TATSUYA, ZZ
[73] SHINTANI, JUNKO, ZZ
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[86] 2013-03-27 (PCT/JP2013/058896)
[87] (WO2013/146833)
[30] JP (2012-074525) 2012-03-28
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[51] **Int.Cl. H01M 8/04664 (2016.01) H01M 8/1004 (2016.01) H01M 8/1018 (2016.01)**
[25] EN
[54] **PREDICTIVE FUEL CELL SYSTEM**
[54] **SYSTEME PREDICTIF DE PILE A COMBUSTIBLE**
[72] MATSUSUE, MASAAKI, JP
[72] IKEDA, KOTARO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] MATSUSUE, MASAAKI, ZZ
[73] IKEDA, KOTARO, ZZ
[85] 2014-08-29
[86] 2012-03-01 (PCT/JP2012/055191)
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[13] A1
[51] **Int.Cl. C01G 51/00 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING HIGH-PURITY COBALT NITRATE CRYSTALS FROM CO/SIO2 WASTE CATALYSTS**
[54] **PROCEDE DE PREPARATION DE CRISTAUX DE NITRATE DE COBALT DE GRANDE PURETE A PARTIR DE CATALYSEURS DE DECHETS CO/SIO2**
[72] HAN, YIMING, CN
[72] LIU, QIANQIAN, CN
[72] LAI, BO, CN
[72] XU, LI, CN
[72] SONG, DECHEN, CN
[73] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
[73] HAN, YIMING, ZZ
[73] LIU, QIANQIAN, ZZ
[73] LAI, BO, ZZ
[73] XU, LI, ZZ
[73] SONG, DECHEN, ZZ
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[86] 2013-03-04 (PCT/CN2013/072109)
[87] (WO2013/131452)
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[51] **Int.Cl. B09B 3/00 (2006.01) C01G 55/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING SOLID NITROSYL RUTHENIUM NITRATE BY USING WASTE CATALYST CONTAINING RUTHENIUM**
[54] **PROCEDE DE PREPARATION DE NITRATE DE RUTHENIUM-NITROSYLE SOLIDE AU MOYEN D'UN CATALYSEUR DE DECHETS CONTENANT DU RUTHENIUM**
[72] XU, LI, CN
[72] LAI, BO, CN
[72] SONG, DECHEN, CN
[72] LIU, QIANQIAN, CN
[72] HAN, YIMING, CN
[73] XU, LI, ZZ
[73] LAI, BO, ZZ
[73] SONG, DECHEN, ZZ
[73] LIU, QIANQIAN, ZZ
[73] HAN, YIMING, ZZ
[73] SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD., CN
[85] 2014-09-03
[86] 2013-03-04 (PCT/CN2013/072105)
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[25] EN
[54] **BODY CONTOURED HANDGUN**
[54] **ARME DE POING ADAPTEE AU CORPS HUMAIN**
[72] KRESSER, MARK, US
[72] DE ALBUQUERQUE KNORST, MARCELO, BR
[72] BRUM SESTI, LEONARDO, BR
[73] FORJAS TAURUS S/A, BR
[73] KRESSER, MARK, ZZ
[73] DE ALBUQUERQUE KNORST, MARCELO, ZZ
[73] BRUM SESTI, LEONARDO, ZZ
[85] 2014-06-10
[86] 2013-01-14 (PCT/US2013/021367)
[87] (WO2013/109487)
[30] US (61/586,974) 2012-01-16
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[13] A1
[51] **Int.Cl. H04W 72/00 (2009.01)**
[25] EN
[54] **ON-DEMAND PAIR-WISE FREQUENCY-HOPPING SYNCHRONIZATION**
[54] **SYNCHRONISATION DE SAUT DE FREQUENCE PAR PAIRES A LA DEMANDE**
[72] HUI, JONATHAN W., US
[72] HONG, WEI, US
[72] VASSEUR, JEAN-PHILIPPE, FR
[73] CISCO TECHNOLOGY, INC., US
[73] HUI, JONATHAN W., ZZ
[73] HONG, WEI, ZZ
[73] VASSEUR, JEAN-PHILIPPE, ZZ
[85] 2014-09-09
[86] 2013-04-22 (PCT/US2013/037572)
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[30] US (61/636,295) 2012-04-20
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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/158 (2006.01) A61M 5/46 (2006.01)**
[25] EN
[54] **ANGLED RETRACTING SHEATH FOR SAFETY NEEDLE**
[54] **ETUI DE RETRAIT INCURVE POUR AIGUILLE DE SECURITE**
[72] WONG, ANDREW, US
[72] ZACHEK, MATTHEW, US
[73] BECTON, DICKINSON AND COMPANY, US
[73] WONG, ANDREW, ZZ
[73] ZACHEK, MATTHEW, ZZ
[85] 2014-09-11
[86] 2013-03-14 (PCT/US2013/031191)
[87] (WO2013/138555)
[30] US (61/610,576) 2012-03-14
[30] US (13/793,831) 2013-03-11

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[51] **Int.Cl. H01M 8/0267 (2016.01) H01M 8/1004 (2016.01) H01M 8/2465 (2016.01)**
[25] EN
[54] **FUEL CELL STACK WITH DISPLACEMENT ABSORBER FOR ABSORPTION OF DISPLACEMENT OF CELL UNITS AND PREVENTION OF FLUID FROM FLOWING OUT**
[54] **EMPILEMENT DE PILE A COMBUSTIBLE DOTE D'UN DISPOSITIF ABSORBANT LE DEPLACEMENT EN VUE DE L'ABSORPTION DU DEPLACEMENT DE MODULES DE PILE ET PREVENTION DE FUITE DU LIQUIDE**
[72] IRITSUKI, KEITA, JP
[72] FUKUYAMA, YOSUKE, JP
[73] NISSAN MOTOR CO., LTD., JP
[73] IRITSUKI, KEITA, ZZ
[73] FUKUYAMA, YOSUKE, ZZ
[85] 2014-09-15
[86] 2013-03-11 (PCT/JP2013/001577)
[87] (WO2013/136764)
[30] JP (2012-058690) 2012-03-15
[30] JP (2012-071146) 2012-03-27
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[51] **Int.Cl. B65F 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING WASTE MATERIAL**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE DECHETS**
[72] WURMAN, PETER R., US
[72] BARBEHENN, MICHAEL, US
[72] INSINGA, ARON KLAIR, US
[72] ARTHEN, ERIC LEVENTHAL, US
[72] CHAITIN-POLLAK, JOSHUA B., US
[73] AMAZON TECHNOLOGIES, INC., US
[73] WURMAN, PETER R., ZZ
[73] BARBEHENN, MICHAEL, ZZ
[73] INSINGA, ARON KLAIR, ZZ
[73] ARTHEN, ERIC LEVENTHAL, ZZ
[73] CHAITIN-POLLAK, JOSHUA B., ZZ
[86] (2868578)
[87] (2868578)
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[51] **Int.Cl. A62D 3/34 (2007.01) B01D 15/00 (2006.01)**
[25] EN
[54] **REMOVING HALOGENATED COMPOUNDS FROM CONTAMINATED SYSTEMS**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT POUR ELIMINER DES COMPOSES HALOGENES DE SYSTEMES CONTAMINES**
[72] QUINN, JACQUELINE W., US
[72] CLAUSEN, CHRISTIAN A., US
[72] YESTREBSKY, CHERIE L., US
[72] CAPTAIN, JAMES G., US
[72] DEVOR, ROBERT W., US
[72] MALONEY, PHILLIP R., US
[73] U.S.A. AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, US
[73] QUINN, JACQUELINE W., ZZ
[73] CLAUSEN, CHRISTIAN A., ZZ
[73] YESTREBSKY, CHERIE L., ZZ
[73] CAPTAIN, JAMES G., ZZ
[73] DEVOR, ROBERT W., ZZ
[73] MALONEY, PHILLIP R., ZZ
[85] 2014-09-26
[86] 2013-05-16 (PCT/US2013/041285)
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[30] US (61/649,002) 2012-05-18

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[51] **Int.Cl. A61K 47/38 (2006.01) A61J 3/07 (2006.01) A61K 9/10 (2006.01) A61K 9/48 (2006.01)**
[25] EN
[54] **AQUEOUS DISPERSIONS OF CONTROLLED RELEASE POLYMERS AND SHELLS AND CAPSULES THEREOF**
[54] **DISPERSIONS AQUEUSES DE POLYMERES A LIBERATION CONTROLEE ET ENVELOPPES ET CAPSULES LES COMPRENANT**
[72] BENAMEUR, HASSAN, FR
[72] HUTCHISON, KEITH, BE
[73] BENAMEUR, HASSAN, ZZ
[73] HUTCHISON, KEITH, ZZ
[73] CAPSUGEL BELGIUM NV, BE
[85] 2014-10-09
[86] 2013-03-14 (PCT/EP2013/055302)
[87] (WO2013/164122)
[30] US (61/641,505) 2012-05-02
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[51] **Int.Cl. B41M 7/00 (2006.01) B41M 3/14 (2006.01) B42D 25/00 (2014.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A VALUE DOCUMENT**
[54] **PROCEDE DE FABRICATION D'UN DOCUMENT DE VALEUR**
[72] BORNSCHLEGL, ALEXANDER, DE
[72] MENGEL, CHRISTOPH, DE
[72] BAADER, ANDREAS, DE
[72] OLSCHEWSKI, GUNTER, DE
[73] GIESECKE & DEVRIENT GMBH, DE
[73] BORNSCHLEGL, ALEXANDER, ZZ
[73] MENGEL, CHRISTOPH, ZZ
[73] BAADER, ANDREAS, ZZ
[73] OLSCHEWSKI, GUNTER, ZZ
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[86] 2013-05-14 (PCT/EP2013/001421)
[87] (WO2013/178325)
[30] DE (10 2012 010 534.7) 2012-05-29

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[51] **Int.Cl. G06F 21/62 (2013.01) G06Q 50/24 (2012.01)**
[25] EN
[54] **SYSTEM FOR ANONYMIZING AND AGGREGATING PROTECTED HEALTH INFORMATION**
[54] **SYSTEME PERMETTANT DE PRESERVER L'ANONYMAT ET DE PROCEDER A L'AGREGATION DE RENSEIGNEMENTS SUR LA SANTE PROTEGES**
[72] LYNCH, CECIL O., US
[72] CARROLL, DENNIS, US
[72] TRUSCOTT, ANDREW J., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[73] LYNCH, CECIL O., ZZ
[73] CARROLL, DENNIS, ZZ
[73] TRUSCOTT, ANDREW J., ZZ
[86] (2870930)
[87] (2870930)
[22] 2014-11-12
[30] US (14/092,168) 2013-11-27

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[13] A1
[51] **Int.Cl. C22C 21/00 (2006.01) C22F 1/04 (2006.01) H01M 2/02 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY SHEET FOR BATTERY CASE USE EXCELLENT IN FORMABILITY, HEAT DISSIPATION, AND WELDABILITY**
[54] **FEUILLE D'ALLIAGE D'ALUMINIUM POUR LOGEMENT DE BATTERIE PRESENTANT D'EXCELLENTES CARACTERISTIQUES DE FORMABILITE, DE DISSIPATION THERMIQUE ET DEREACTION AU SOUDAGE**
[72] SUZUKI, KENTA, JP
[72] OOWADA, YASUYUKI, JP
[72] HORI, HISASHI, JP
[72] MIZUSHIMA, KAZUMITSU, JP
[73] NIPPON LIGHT METAL COMPANY, LTD., JP
[73] SUZUKI, KENTA, ZZ
[73] OOWADA, YASUYUKI, ZZ
[73] HORI, HISASHI, ZZ
[73] MIZUSHIMA, KAZUMITSU, ZZ
[85] 2014-10-28
[86] 2013-05-23 (PCT/JP2013/064385)
[87] (WO2014/057707)
[30] JP (2012-226968) 2012-10-12

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[51] **Int.Cl. E06B 3/673 (2006.01) E06B 3/663 (2006.01)**
[25] EN
[54] **WINDOW COMPONENT STOCK INDEXING**
[54] **POSITIONNEMENT DE STOCK DE COMPOSANTS DE FENETRE**
[72] CALCEI, TOM, US
[72] KHALFOUN, MOHAMED, US
[72] JAMES, BRIAN G., US
[72] MCGLINCHY, TIMOTHY B., US
[72] GRISMER, JOHN, US
[72] SHEPHERD, ROBERT R., II, US
[73] GED INTEGRATED SOLUTIONS, INC., US
[73] CALCEI, TOM, ZZ
[73] KHALFOUN, MOHAMED, ZZ
[73] JAMES, BRIAN G., ZZ
[73] MCGLINCHY, TIMOTHY B., ZZ
[73] GRISMER, JOHN, ZZ
[73] SHEPHERD, ROBERT R., II, ZZ
[86] (2872219)
[87] (2872219)
[22] 2005-06-02
[62] 2,791,859
[30] US (60/614,308) 2004-09-29
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[25] EN
[54] **REDUCING LEVELS OF NICOTINIC ALKALOIDS IN PLANTS**
[54] **REDUCTION DE NIVEAUX D'ALCALOIDES NICOTINIQUES DANS DES PLANTES**
[72] HASHIMOTO, TAKASHI, JP
[72] KATO, AKIRA, JP
[73] 22ND CENTURY LIMITED, LLC, US
[73] HASHIMOTO, TAKASHI, ZZ
[73] KATO, AKIRA, ZZ
[86] (2872521)
[87] (2872521)
[22] 2006-02-28
[62] 2,599,302
[30] US (60/656,536) 2005-02-28

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[51] **Int.Cl. B27M 3/04 (2006.01) B23C 3/34 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **COVERING PANEL WITH BEVELLED EDGES HAVING VARYING CROSS-SECTION, AND APPARATUS AND METHOD OF MAKING THE SAME**
[54] **PANNEAU DE COUVERTURE A BORDS BISEAUTES, DE SECTION TRANSVERSALE VARIABLE, ET SON PROCEDE DE FABRICATION**
[72] VERMEULEN, BRUNO PAUL LOUIS, BE
[72] DE RICK, JAN EDDY, BE
[73] SPANOLUX N.V.-DIV. BALTERIO, BE
[73] VERMEULEN, BRUNO PAUL LOUIS, ZZ
[73] DE RICK, JAN EDDY, ZZ
[86] (2873316)
[87] (2873316)
[22] 2007-09-11
[62] 2,663,550
[30] EP (06120427.7) 2006-09-11
[30] EP (07102710.6) 2007-02-20

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[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **DOWNHOLE FLUID TRANSPORT PLUNGER WITH THRUSTER**
[54] **PISTON DE TRANSPORT DE FLUIDE DE FOND DE PUITS A PROPULSEUR**
[72] XIAO, JINJIANG, SA
[72] SAEED, ABUBAKER, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[73] XIAO, JINJIANG, ZZ
[73] SAEED, ABUBAKER, ZZ
[85] 2014-11-12
[86] 2013-06-05 (PCT/US2013/044213)
[87] (WO2013/184743)
[30] US (61/655,745) 2012-06-05

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[51] **Int.Cl. G01F 1/075 (2006.01) G01F 1/115 (2006.01) G01F 15/14 (2006.01) G01P 3/481 (2006.01) G01P 3/488 (2006.01)**
[25] EN
[54] **BATTERY-FREE METER FOR FLOWING MEDIA**
[54] **COMPTEUR SANS BATTERIE POUR MILIEUX EN ECOULEMENT**
[72] EFIMOV, GEORGE, DE
[72] MIXNER, MICHAEL, DE
[73] HENGSTLER GMBH, DE
[73] EFIMOV, GEORGE, ZZ
[73] MIXNER, MICHAEL, ZZ
[85] 2014-11-14
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[87] (WO2013/174469)
[30] DE (10 2012 009 962.2) 2012-05-19

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[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **TASK SUPERVISING SYSTEM AND METHOD THEREOF**
[54] **MECANISME DE SUPERVISION DE TACHE ET METHODE ASSOCIEE**
[72] HUANG, PO-CHENG, TW
[72] CHEN, YING-HSU, TW
[72] PENG, YUNG-HSING, TW
[72] HSU, CHIN-SHUN, TW
[73] INSTITUTE FOR INFORMATION INDUSTRY, TW
[73] HUANG, PO-CHENG, ZZ
[73] CHEN, YING-HSU, ZZ
[73] PENG, YUNG-HSING, ZZ
[73] HSU, CHIN-SHUN, ZZ
[86] (2874275)
[87] (2874275)
[22] 2014-12-12
[30] TW (103139614) 2014-11-14

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[51] **Int.Cl. F16H 61/10 (2006.01) F16H 61/08 (2006.01)**
[25] EN
[54] **SHIFT CONTROL DEVICE FOR AUTOMATIC TRANSMISSION**
[54] **DISPOSITIF DE COMMANDE DE CHANGEMENT DE VITESSE POUR BOITE DE VITESSES AUTOMATIQUE**
[72] INAGAWA, YASUSHI, JP
[72] SAITO, YOSHIHARU, DE
[72] KARGER, CHRISTOPH, DE
[73] HONDA MOTOR CO., LTD., JP
[73] INAGAWA, YASUSHI, ZZ
[73] SAITO, YOSHIHARU, ZZ
[73] KARGER, CHRISTOPH, ZZ
[85] 2014-11-21
[86] 2013-04-12 (PCT/JP2013/061056)
[87] (WO2013/183362)
[30] JP (2012-130298) 2012-06-07

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[51] **Int.Cl. H01M 10/052 (2010.01) H01M 4/134 (2010.01) H01M 10/0562 (2010.01) H01M 4/62 (2006.01) H01M 10/44 (2006.01)**
[25] EN
[54] **BATTERY SYSTEM, METHOD FOR PRODUCING BATTERY SYSTEM, AND BATTERY CONTROL APPARATUS**
[54] **SYSTEME DE BATTERIE, PROCEDE DE FABRICATION DE SYSTEME DE BATTERIE, ET APPAREIL DE COMMANDE DE BATTERIE**
[72] OTOMO, TAKAMASA, JP
[72] KAWAMOTO, KOJI, JP
[72] KATO, YUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[73] OTOMO, TAKAMASA, ZZ
[73] KAWAMOTO, KOJI, ZZ
[73] KATO, YUKI, ZZ
[85] 2014-12-12
[86] 2013-05-14 (PCT/JP2013/063437)
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[30] JP (2012-138815) 2012-06-20

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[51] **Int.Cl. E05B 49/00 (2006.01) E05G 1/02 (2006.01)**
[25] EN
[54] **SAFE UNLOCKING MACHINE**
[54] **DISPOSITIF DE DEVERROUILLAGE DE COFFRE-FORT**
[72] KIMOTO, KENJI, JP
[72] MATSUNO, TAKESHI, JP
[73] LECIP HOLDINGS CORPORATION, JP
[73] KIMOTO, KENJI, ZZ
[73] MATSUNO, TAKESHI, ZZ
[85] 2014-12-15
[86] 2013-07-01 (PCT/JP2013/068044)
[87] (WO2014/007214)
[30] JP (2012-152580) 2012-07-06

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[51] **Int.Cl. G01N 21/95 (2006.01) G01N 21/958 (2006.01)**
[25] EN
[54] **DEVICE FOR INSPECTING A MATERIAL PROVIDED WITH A COATED SURFACE AND RELATED METHOD**
[54] **DISPOSITIF D'INSPECTION D'UN MATERIAU QUI POSSEDE UNE SURFACE REVETUE ET PROCEDE CONNEXE**
[72] KUBIAK, ROLF, DE
[73] ISRA SURFACE VISION GMBH, DE
[73] KUBIAK, ROLF, ZZ
[86] (2876867)
[87] (2876867)
[22] 2015-01-08
[30] DE (10 2014 100 594.5) 2014-01-20

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[13] A1
[51] **Int.Cl. C01B 3/38 (2006.01) B01J 8/00 (2006.01) B01J 19/00 (2006.01) F28F 9/013 (2006.01) G01B 21/02 (2006.01) G01N 33/22 (2006.01) G21C 17/00 (2006.01)**
[25] EN
[54] **TUBE MONITOR AND PROCESS MEASUREMENT AND CONTROL IN OR FOR A REFORMER**
[54] **COMMANDE ET MESURE DE TRAITEMENT ET DE CONTROLE DE TUBE DANS OU POUR UN REFORMEUR**
[72] TAIT, PETER CAMPBELL, NZ
[73] METHANEX NEW ZEALAND LIMITED, NZ
[73] TAIT, PETER CAMPBELL, ZZ
[85] 2014-12-16
[86] 2013-10-11 (PCT/IB2013/059289)
[87] (WO2014/057463)
[30] NZ (603007) 2012-10-12

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[51] **Int.Cl. E03C 1/02 (2006.01) F16L 5/00 (2006.01) F16L 55/00 (2006.01)**
[25] EN
[54] **PLUMBING OUTLET BOX WITH INTEGRATED MOUNTING FEATURES**
[54] **BOITE DE SORTIE DE PLOMBERIE AVEC MOYENS D'INSTALLATION INTEGRES**
[72] WHITEHEAD, JAMES H., US
[72] HUMBER, JEFFREY A., US
[73] WHITEHEAD, JAMES H., ZZ
[73] HUMBER, JEFFREY A., ZZ
[73] IPS CORPORATION, US
[86] (2877399)
[87] (2877399)
[22] 2015-01-13
[30] US (14/154949) 2014-01-14
[30] US (14/536222) 2014-11-07

[11] **2,878,310**
[13] A1
[51] **Int.Cl. A45B 25/16 (2006.01) A45B 25/14 (2006.01)**
[25] EN
[54] **OPENING/CLOSING STRUCTURE FOR AN AUTOMATIC UMBRELLA**
[54] **STRUCTURE D'OUVERTURE ET DE FERMETURE POUR UN PARAPLUIE AUTOMATIQUE**
[72] CHIEN, TIEN-CHENG, CN
[72] SUNG, SUN-FENG, CN
[73] XIAMEN MINGHE INDUSTRY CO., LTD., CN
[73] CHIEN, TIEN-CHENG, ZZ
[73] SUNG, SUN-FENG, ZZ
[86] (2878310)
[87] (2878310)
[22] 2014-09-17

[11] **2,878,623**
[13] A1
[51] **Int.Cl. C09K 8/80 (2006.01)**
[25] EN
[54] **PETROLEUM FRACTURING PROPPANT PREPARED FROM FLYASH AND WASTE CERAMIC, AND PREPARATION METHOD THEREOF**
[54] **AGENT DE SOUTENEMENT POUR LA FRACTURATION PETROLIERE PREPARE A PARTIR DE CENDRES VOLANTES ET DE DECHETS CERAMIQUES ET SON PROCEDE DE PREPARATION**
[72] ZHANG, SHENGJIE, CN
[72] ZHANG, LINQUN, CN
[72] WANG, YINGJUN, CN
[73] HEBI TIANRUI PETROLEUM PROPPANT CO., LTD, CN
[73] ZHANG, SHENGJIE, ZZ
[73] ZHANG, LINQUN, ZZ
[73] WANG, YINGJUN, ZZ
[85] 2015-01-08
[86] 2013-05-29 (PCT/CN2013/076382)
[87] (WO2014/172954)
[30] CN (201310148377.7) 2013-04-25

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AGGREGATING MESSAGES BASED ON A POINT OF INTEREST AND STORAGE MEDIUM**
[54] **PROCEDE ET SYSTEME D'AGREGATION DE MESSAGES SUR LA BASE D'UN POINT D'INTERET, ET SUPPORT DE STOCKAGE**
[72] LV, YUANFANG, CN
[72] CAO, SHENG, CN
[72] WU, WEI, CN
[72] LIU, WEI, CN
[72] WANG, ZIMING, CN
[72] ZHANG, JUN, CN
[72] WANG, QIONG, CN
[72] FAN, HUAHENG, CN
[72] LIN, MENGGUANG, CN
[72] FAN, YUXIANG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[73] LV, YUANFANG, ZZ
[73] CAO, SHENG, ZZ
[73] WU, WEI, ZZ
[73] LIU, WEI, ZZ
[73] WANG, ZIMING, ZZ
[73] ZHANG, JUN, ZZ
[73] WANG, QIONG, ZZ
[73] FAN, HUAHENG, ZZ
[73] LIN, MENGGUANG, ZZ
[73] FAN, YUXIANG, ZZ
[85] 2015-01-23
[86] 2013-07-25 (PCT/CN2013/080111)
[87] (WO2014/015814)
[30] CN (201210259577.5) 2012-07-25

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[13] A1
[51] **Int.Cl. C07C 291/04 (2006.01)**
[25] EN
[54] **CONTINUOUS PROCESS TO MAKE AMINE OXIDE**
[54] **PROCEDE CONTINU DE PRODUCTION D'OXYDE D'AMINE**
[72] PELLENS, LINDA, BE
[72] JONES, CHRISTOPHER STEPHEN, BE
[72] TANBUG, RASIM, US
[72] NUYTS, WALTER AGNES LOUIS, BE
[72] VANHOUTTE, DIEDERIK EMIEL OMER, BE
[72] SCHRINER, JOEY JAY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[73] PELLENS, LINDA, ZZ
[73] JONES, CHRISTOPHER STEPHEN, ZZ
[73] TANBUG, RASIM, ZZ
[73] NUYTS, WALTER AGNES LOUIS, ZZ
[73] VANHOUTTE, DIEDERIK EMIEL OMER, ZZ
[73] SCHRINER, JOEY JAY, ZZ
[85] 2015-01-23
[86] 2013-07-09 (PCT/US2013/049657)
[87] (WO2014/018249)
[30] US (61/674,977) 2012-07-24

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[51] **Int.Cl. H04W 72/00 (2009.01) H04W 28/02 (2009.01) H04W 4/10 (2009.01) H04W 84/08 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INFORMING A DISPATCHER OF CONVENTIONAL TRAFFIC IN A DIFFERENT AND CONFLICTING TALKGROUP**
[54] **PROCEDE ET APPAREIL POUR INFORMER UN REPARTITEUR D'UN TRAFIC CONVENTIONNEL DANS UN GROUPE DE CONVERSATION DIFFERENT ET CONFLICTUEL**
[72] FUMAROLO, ARTHUR L., US
[72] MCDONALD, DANIEL J., US
[73] MOTOROLA SOLUTIONS, INC., US
[73] FUMAROLO, ARTHUR L., ZZ
[73] MCDONALD, DANIEL J., ZZ
[85] 2015-02-05
[86] 2013-08-01 (PCT/US2013/053171)
[87] (WO2014/031302)
[30] US (13/590,374) 2012-08-21

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[13] A1
[51] **Int.Cl. C23C 22/48 (2006.01) C25D 9/08 (2006.01)**
[25] EN
[54] **METAL SURFACE TREATMENT LIQUID, SURFACE TREATMENT METHOD FOR METAL BASE, AND METAL BASE OBTAINED THEREBY**
[54] **LIQUIDE DE TRAITEMENT DE SURFACE METALLIQUE, PROCEDE DE TRAITEMENT DE SURFACE DES BASES METALLIQUES ET BASE METALLIQUE OBTENUE PAR UN PROCEDE DE TRAITEMENT DE SURFACE DES BASES METALLIQUES**
[72] INOUE, SHIGEKI, JP
[72] TSUNEISHI, AKINOBU, JP
[72] KAWAGOSHI, RYOSUKE, JP
[72] IKURA, YUJI, JP
[73] NIHON PARKERIZING CO., LTD., JP
[73] INOUE, SHIGEKI, ZZ
[73] TSUNEISHI, AKINOBU, ZZ
[73] KAWAGOSHI, RYOSUKE, ZZ
[73] IKURA, YUJI, ZZ
[85] 2015-02-05
[86] 2012-08-08 (PCT/JP2012/070268)
[87] (WO2014/024282)

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[51] **Int.Cl. B29C 45/26 (2006.01) B29C 33/12 (2006.01) B29C 45/14 (2006.01)**
[25] EN
[54] **ENCAPSULATION MOLD**
[54] **MOULE D'ENCAPSULATION**
[72] SHENG, PINGCHUN, CN
[73] SAINT-GOBAIN GLASS FRANCE, FR
[73] SHENG, PINGCHUN, ZZ
[85] 2015-02-05
[86] 2013-11-05 (PCT/CN2013/086561)
[87] (WO2014/067495)
[30] CN (201220577801.0) 2012-11-05

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[51] **Int.Cl. A61M 16/16 (2006.01) A61M 16/10 (2006.01)**
[25] EN
[54] **INTEGRATED HUMIDIFIER CHAMBER AND LID**
[54] **CHAMBRE ET COUVERCLE D'HUMIDIFICATEUR INTEGRES**
[72] SALMON, ANDREW, NZ
[72] WORTHINGTON, STEVEN JOHN, NZ
[72] DICKINSON, PHILIP, NZ
[72] SUN, YI-CHENG, NZ
[72] HAXTON, CAMERON JON, NZ
[72] POTHARAJU, VENKATA SUBBARAO, NZ
[72] STANTON, CHRISTIE JAYNE, NZ
[72] BRISCOE, HAYDEN, NZ
[72] FREW, SAMUEL, NZ
[73] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[73] SALMON, ANDREW, ZZ
[73] WORTHINGTON, STEVEN JOHN, ZZ
[73] DICKINSON, PHILIP, ZZ
[73] SUN, YI-CHENG, ZZ
[73] HAXTON, CAMERON JON, ZZ
[73] POTHARAJU, VENKATA SUBBARAO, ZZ
[73] STANTON, CHRISTIE JAYNE, ZZ
[73] BRISCOE, HAYDEN, ZZ
[73] FREW, SAMUEL, ZZ
[86] (2881603)
[87] (2881603)
[22] 2007-10-31
[62] 2,668,702
[30] US (60/864,501) 2006-11-06
[30] NZ (560235) 2007-07-30

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[13] A1
[51] **Int.Cl. G06F 3/06 (2006.01)**
[25] EN
[54] **FILE PROCESSING METHOD AND APPARATUS, AND STORAGE DEVICE**
[54] **PROCEDE DE TRAITEMENT DE FICHIERS, APPAREIL ET DISPOSITIF DE STOCKAGE**
[72] KONG, HAN, CN
[72] WANG, JING, CN
[73] KONG, HAN, ZZ
[73] WANG, JING, ZZ
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2014-12-10
[86] 2013-08-09 (PCT/CN2013/081182)
[87] (WO2015/018065)

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[13] A1
[51] **Int.Cl. E05B 21/06 (2006.01)**
[25] EN
[54] **DISC ALIGNMENT MECHANISM**
[54] **MECANISME D'ALIGNEMENT DE DISQUE**
[72] ZURASKI, ROBERT DAVID, US
[72] SARICH, MARY TERESA, US
[72] KINDSTRAND, DANIEL HUGH, US
[72] MILLER, DAVID BRUCE, US
[73] SCHLAGE LOCK COMPANY LLC, US
[73] ZURASKI, ROBERT DAVID, ZZ
[73] SARICH, MARY TERESA, ZZ
[73] KINDSTRAND, DANIEL HUGH, ZZ
[73] MILLER, DAVID BRUCE, ZZ
[85] 2015-02-09
[86] 2013-08-09 (PCT/US2013/054412)
[87] (WO2014/026155)
[30] US (61/681,546) 2012-08-09

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[51] **Int.Cl. E05B 21/06 (2006.01) E05B 29/00 (2006.01)**
[25] EN
[54] **HYBRID LOCK CYLINDER**
[54] **BARILLET DE SERRURE HYBRIDE**
[72] ZURASKI, ROBERT D., US
[72] SARICH, MARY TERESA, US
[72] KINDSTRAND, DANIEL HUGH, US
[72] MILLER, DAVID BRUCE, US
[73] SCHLAGE LOCK COMPANY LLC., US
[73] ZURASKI, ROBERT D., ZZ
[73] SARICH, MARY TERESA, ZZ
[73] KINDSTRAND, DANIEL HUGH, ZZ
[73] MILLER, DAVID BRUCE, ZZ
[85] 2015-02-09
[86] 2013-08-09 (PCT/US2013/054431)
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[51] **Int.Cl. E03F 5/10 (2006.01)**
[25] EN
[54] **STORM WATER DELAY DEVICE**
[54] **DISPOSITIF DE RALENTISSEMENT D'EAUX PLUVIALES**
[72] EMBORG, MICHAEEL, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
[73] EMBORG, MICHAEEL, ZZ
[85] 2015-02-18
[86] 2013-08-23 (PCT/EP2013/067551)
[87] (WO2014/029872)
[30] EP (12181813.2) 2012-08-24

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[51] **Int.Cl. E04H 15/32 (2006.01) E04H 15/34 (2006.01) E04H 15/44 (2006.01)**
[25] EN
[54] **FRAME FOR PORTABLE SHELTER AND ASSEMBLY**
[54] **CADRE POUR ABRI PORTATIF ET ASSEMBLAGE**
[72] MAKOS, TIMOTHY S., US
[72] KLECKNER, RYAN JOHN, US
[72] NELSON, BRUCE CARL, US
[73] PLANO MOLDING COMPANY, US
[73] MAKOS, TIMOTHY S., ZZ
[73] KLECKNER, RYAN JOHN, ZZ
[73] NELSON, BRUCE CARL, ZZ
[85] 2015-02-20
[86] 2013-10-03 (PCT/US2013/063270)
[87] (WO2014/070365)
[30] US (61/744,795) 2012-10-04

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[13] A1
[51] **Int.Cl. G06Q 20/20 (2012.01) G06Q 20/40 (2012.01) H04L 12/16 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **REMOTE SYNCHRONIZATION OF PIN-PAD RECORDS WITH A CENTRAL TRANSACTIONS DATABASE**
[54] **SYNCHRONISATION A DISTANCE D'ENREGISTREMENTS SUR CLAVIER A NIP AYANT UNE BASE DE DONNEES CENTRALE DES TRANSACTIONS**
[72] HAYHOW, ROBERT, CA
[73] THE TORONTO-DOMINION BANK, CA
[73] HAYHOW, ROBERT, CA
[86] (2883039)
[87] (2883039)
[22] 2015-02-25
[30] US (61/944,562) 2014-02-25

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[13] A1
[51] **Int.Cl. B29D 99/00 (2010.01) B29C 44/56 (2006.01) B29C 70/44 (2006.01) B29C 70/48 (2006.01) B29C 70/54 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A ROTOR BLADE AND A ROTOR BLADE OF A WIND TURBINE**
[54] **PROCEDE DE REALISATION D'UNE PALE DE ROTOR ET PALE DE ROTOR D'EOLIENNE**
[72] EYB, ENNO, DE
[73] SENVION SE, DE
[73] EYB, ENNO, ZZ
[85] 2015-02-27
[86] 2013-08-01 (PCT/EP2013/066173)
[87] (WO2014/032901)
[30] DE (10 2012 107 932.3) 2012-08-28

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[51] **Int.Cl. F41C 27/00 (2006.01) F41A 35/00 (2006.01)**
[25] EN
[54] **RAIL SYSTEM FOR A RIFLE**
[54] **MECANISME DE RAIL POUR UN FUSIL**
[72] DRUMMOND, DAVID, CA
[73] DRUMMOND, DAVID, CA
[86] (2884017)
[87] (2884017)
[22] 2015-03-05
[30] US (14/638,986) 2015-03-04

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[13] A1
[51] **Int.Cl. B29C 44/06 (2006.01) B32B 1/08 (2006.01) B32B 3/04 (2006.01) B32B 3/06 (2006.01) B32B 3/10 (2006.01) B32B 3/18 (2006.01) B32B 3/30 (2006.01) B32B 5/20 (2006.01) B32B 5/24 (2006.01) B32B 15/04 (2006.01) F16L 58/04 (2006.01) F16L 59/02 (2006.01) F16L 59/14 (2006.01)**
[25] EN
[54] **AN INSULATING PHENOLIC FOAM**
[54] **MOUSSE PHENOLIQUE ISOLANTE**
[72] HOLLAND, PHILIP, GB
[73] KINGSPAN HOLDINGS (IRL) LIMITED, IE
[73] HOLLAND, PHILIP, ZZ
[85] 2015-03-10
[86] 2013-09-18 (PCT/EP2013/069394)
[87] (WO2014/044717)
[30] IE (2012/0407) 2012-09-18
[30] EP (12184824.6) 2012-09-18

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[13] A1
[51] **Int.Cl. E21B 17/04 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ACTIVATING A DOWN HOLE TOOL**
[54] **SYSTEME ET PROCEDE D'ACTIVATION D'UN OUTIL DE FOND DE TROU**
[72] ACOSTA, FRANK V., US
[72] BUDLER, NICHOLAS FREDERICK, US
[72] KEY, JOHN ROLAND, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] ACOSTA, FRANK V., ZZ
[73] BUDLER, NICHOLAS FREDERICK, ZZ
[73] KEY, JOHN ROLAND, ZZ
[85] 2015-03-09
[86] 2013-10-28 (PCT/US2013/067084)
[87] (WO2014/070665)
[30] US (13/664,793) 2012-10-31

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[13] A1
[51] **Int.Cl. B60G 11/27 (2006.01) B60G 11/28 (2006.01)**
[25] EN
[54] **AIR RIDE SUSPENSION ADAPTER ASSEMBLIES**
[54] **DISPOSITIFS D'ADAPTATION DE SUSPENSION PNEUMATIQUE**
[72] LEGROS, DERECK, CA
[72] LEGROS, PAUL, CA
[73] LBC CONTRACTING, LTD., CA
[73] LEGROS, DERECK, CA
[73] LEGROS, PAUL, CA
[86] (2884497)
[87] (2884497)
[22] 2015-03-11

[11] **2,885,135**
[13] A1
[51] **Int.Cl. B64C 13/38 (2006.01) B64C 13/44 (2006.01) F16D 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPERATING FLIGHT CONTROL SURFACES**
[54] **SYSTEMES ET PROCEDES DE FONCTIONNEMENT DE SURFACES DE COMMANDE DE VOL**
[72] COFFMAN, JEFFREY C., US
[73] THE BOEING COMPANY, US
[73] COFFMAN, JEFFREY C., ZZ
[86] (2885135)
[87] (2885135)
[22] 2015-03-13
[30] US (14/305,838) 2014-06-16

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[54] **CLE A COUPLE FACILE A AJUSTER**
[72] HSIEH, CHIH-CHING, TW
[73] KABO TOOL COMPANY, TW
[73] HSIEH, CHIH-CHING, ZZ
[86] (2885756)
[87] (2885756)
[22] 2015-03-24
[30] TW (103119249) 2014-06-03

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[54] **CARD SHOE APPARATUS AND TABLE GAME SYSTEM**
[54] **SABOT A CARTES ET SYSTEME DE JEU DE TABLE**
[72] SHIGETA, YASUSHI, JP
[73] ANGEL PLAYING CARDS CO., LTD., JP
[73] SHIGETA, YASUSHI, ZZ
[85] 2015-03-25
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[87] (WO2014/049946)
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[25] EN
[54] **USE OF PERTURBANTS TO FACILITATE INCORPORATION AND RECOVERY OF TAGGANTS FROM POLYMERIZED COATINGS**
[54] **UTILISATION DE PERTURBATEURS POUR FACILITER L'INCORPORATION ET LA RECUPERATION DE TRACEURS DANS DES REVETEMENTS POLYMERISES**
[72] JUNG, LAWRENCE, US
[72] LIANG, MINGHWA BENJAMIN, US
[72] HAYWARD, JAMES A., US
[73] APPLIED DNA SCIENCES, INC., US
[73] JUNG, LAWRENCE, ZZ
[73] LIANG, MINGHWA BENJAMIN, ZZ
[73] HAYWARD, JAMES A., ZZ
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[25] EN
[54] **DEVICE TO ASSIST PARAPLEGICS WITH GETTING DRESSED**
[54] **DISPOSITIF DESTINE A AIDER LES PARAPLEGIQUES A S'HABILLER**
[72] PEARSON, DOUGLAS T., US
[73] PEARSON, DOUGLAS T., US
[86] (2887805)
[87] (2887805)
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[30] US (14327101) 2014-07-09
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[54] **COATED PIPE SECTION AND METHOD OF MANUFACTURE**
[54] **SECTION DE TUYAU REVETU ET METHODE DE FABRICATION**
[72] ALLISON, TODD N., US
[73] PROGRESSIVE PRODUCTS, INC., US
[73] ALLISON, TODD N., ZZ
[86] (2889421)
[87] (2889421)
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[30] US (61/983,862) 2014-04-24
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[25] EN
[54] **APPARATUS FOR A SHOE**
[54] **APPAREIL DESTINE A UNE CHAUSSURE**
[72] MERAW, MICHAEL J., CA
[72] DYCKOW, DEAN, CA
[72] GARIPAGAOGLU, ESER, US
[73] TECHNOSLIPS INC., CA
[73] MERAW, MICHAEL J., CA
[73] DYCKOW, DEAN, CA
[73] GARIPAGAOGLU, ESER, ZZ
[86] (2889560)
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[22] 2015-04-24
[30] CA (2,850,098) 2014-04-25
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[54] **WATER-SEAL CONNECTOR AND AIR-CONDITIONING DEVICE WITH THE SAME**
[54] **CONNECTEUR ETANCHE A L'EAU ET DISPOSITIF DE CONDITIONNEMENT DE L'AIR COMPORTANT LEDIT CONNECTEUR**
[72] CHIU, MING-TSUNG, TW
[73] NEW WIDETECH INDUSTRIES CO., LTD., TW
[73] CHIU, MING-TSUNG, ZZ
[86] (2891043)
[87] (2891043)
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[25] EN
[54] **METHOD TO RECOVER FREE FATTY ACIDS FROM FATS AND OILS**
[54] **PROCEDE DE RECUPERATION D'ACIDES GRAS LIBRES A PARTIR DE GRAISSES ET D'HUILES**
[72] DASARI, MOHAN PRASAD A., US
[72] KNOX, KIDRON JOEL, US
[73] DASARI, MOHAN PRASAD A., ZZ
[73] KNOX, KIDRON JOEL, ZZ
[73] RRIP, LLC, US
[85] 2015-05-11
[86] 2013-11-13 (PCT/US2013/069853)
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[54] **DYNAMIC DISCHARGE COMPENSATION FOR A SORTATION SYSTEM**
[54] **COMPENSATION DE DECHARGE DYNAMIQUE POUR UN SYSTEME DE TRI**
[72] VEGH, MARK KENNETH, US
[72] ROSENWALD, JEFFREY A., US
[73] INTELLIGRATED HEADQUARTERS, LLC, US
[73] VEGH, MARK KENNETH, ZZ
[73] ROSENWALD, JEFFREY A., ZZ
[85] 2015-05-20
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[51] **Int.Cl. H04W 48/18 (2009.01)**
[25] EN
[54] **USER EQUIPMENT REGISTRATION METHOD, RADIO NETWORK CONTROLLER, AND USER EQUIPMENT**
[54] **PROCEDE D'ENREGISTREMENT D'EQUIPEMENT UTILISATEUR, CONTROLEUR DE RESEAU RADIO ET EQUIPEMENT UTILISATEUR**
[72] LIU, JUN, CN
[72] GUO, CHUANZHEN, CN
[72] GAO, LIANGZHU, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[73] LIU, JUN, ZZ
[73] GUO, CHUANZHEN, ZZ
[73] GAO, LIANGZHU, ZZ
[85] 2015-05-20
[86] 2012-11-23 (PCT/CN2012/085151)
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/10 (2016.01) A61B 1/05 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMIC VALIDATION, CORRECTION OF REGISTRATION FOR SURGICAL NAVIGATION**
[54] **SYSTEME ET PROCEDE DE VALIDATION DYNAMIQUE ET DE CORRECTION D'ENREGISTREMENT POUR UNE NAVIGATION CHIRURGICALE**
[72] SELA, GAL, CA
[72] PIRON, CAMERON, CA
[72] WOOD, MICHAEL, CA
[72] RICHMOND, JOSHUA, CA
[72] YUWARAJ, MURUGATHAS, CA
[72] MCFADYEN, STEPHEN, CA
[72] THOMAS, MONROE M., CA
[72] HODGES, WES, CA
[72] ALEXANDER, SIMON, CA
[72] GALLOP, DAVID, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[73] SELA, GAL, CA
[73] PIRON, CAMERON, CA
[73] WOOD, MICHAEL, CA
[73] RICHMOND, JOSHUA, CA
[73] YUWARAJ, MURUGATHAS, CA
[73] MCFADYEN, STEPHEN, CA
[73] THOMAS, MONROE M., CA
[73] HODGES, WES, CA
[73] ALEXANDER, SIMON, CA
[73] GALLOP, DAVID, CA
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[30] US (61/799,735) 2013-03-15
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[54] **RAZOR CARTRIDGE DISPENSER**
[54] **DISTRIBUTEUR DE RECHARGES DE RASOIR**
[72] LEE, STUART HARVEY, US
[72] SCHAEPERS, JOCHEN RAINER, US
[73] LEE, STUART HARVEY, ZZ
[73] SCHAEPERS, JOCHEN RAINER, ZZ
[73] HARRY'S, INC., US
[86] (2892717)
[87] (2892717)
[22] 2015-05-26
[30] US (62/005,077) 2014-05-30
[30] US (14/720,119) 2015-05-22

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[51] **Int.Cl. A61K 31/74 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/551 (2006.01) A61P 17/00 (2006.01)**
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[54] **CALCIUM FLUX AGONISTS AND METHODS THEREFOR**
[54] **AGONISTES DU FLUX CALCIQUE ET METHODES ASSOCIEES**
[72] NIAZI, KAYVAN, US
[72] RABIZADEH, SHAHROOZ, US
[72] GOLOVATO, JUSTIN, US
[72] SOON-SHIONG, PATRICK, US
[72] LE NY, ANNE-LAURE, US
[72] BUZKO, OLEKSANDR, US
[73] NANT HOLDINGS IP, LLC, US
[73] NIAZI, KAYVAN, ZZ
[73] RABIZADEH, SHAHROOZ, ZZ
[73] GOLOVATO, JUSTIN, ZZ
[73] SOON-SHIONG, PATRICK, ZZ
[73] LE NY, ANNE-LAURE, ZZ
[73] BUZKO, OLEKSANDR, ZZ
[85] 2015-05-27
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[25] EN
[54] **SUBSTITUTED DIHYDROISOQUINOLINONE COMPOUNDS**
[54] **COMPOSES DE DIHYDROISOQUINOLINONE SUBSTITUE**
[72] COLLINS, MICHAEL RAYMOND, US
[72] KANIA, ROBERT STEVEN, US
[72] KUMPF, ROBERT ARNOLD, US
[72] KUNG, PEI-PEI, US
[72] RICHTER, DANIEL TYLER, US
[72] SUTTON, SCOTT CHANNING, US
[72] WYTHES, MARTIN JAMES, US
[73] PFIZER INC., US
[73] COLLINS, MICHAEL RAYMOND, ZZ
[73] KANIA, ROBERT STEVEN, ZZ
[73] KUMPF, ROBERT ARNOLD, ZZ
[73] KUNG, PEI-PEI, ZZ
[73] RICHTER, DANIEL TYLER, ZZ
[73] SUTTON, SCOTT CHANNING, ZZ
[73] WYTHES, MARTIN JAMES, ZZ
[86] (2894298)
[87] (2894298)
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[25] EN
[54] **PUMP CASING**
[54] **CORPS DE POMPE**
[72] BURGESS, KEVIN EDWARD, AU
[72] LIU, WEN-JIE, AU
[72] LAVAGNA, LUIS MOSCOSO, AU
[72] GLAVES, GARRY BRUCE, AU
[73] WEIR MINERALS AUSTRALIA LTD, AU
[73] BURGESS, KEVIN EDWARD, ZZ
[73] LIU, WEN-JIE, ZZ
[73] LAVAGNA, LUIS MOSCOSO, ZZ
[73] GLAVES, GARRY BRUCE, ZZ
[86] (2896075)
[87] (2896075)
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[54] **METHOD AND APPARATUS FOR WIRELESS NETWORK HYBRID POSITIONING**
[54] **PROCEDE ET APPAREIL DE POSITIONNEMENT HYBRIDE DE RESEAU SANS FIL**
[72] MOEGLEIN, MARK, US
[72] ROWITCH, DOUGLAS N., US
[72] RILEY, WYATT, US
[72] DELOACH, JAMES D., JR., US
[72] SHEYNBLAT, LEONID, US
[73] MOEGLEIN, MARK, ZZ
[73] ROWITCH, DOUGLAS N., ZZ
[73] RILEY, WYATT, ZZ
[73] DELOACH, JAMES D., JR., ZZ
[73] SHEYNBLAT, LEONID, ZZ
[73] QUALCOMM INCORPORATED, US
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[54] **ANCHORING NERVE BLOCK CATHETER**
[54] **ANCRAGE DE CATHETER D'ANESTHESIE TRONCULAIRE**
[72] QIU, CHUNYUAN, US
[72] HOFIUS, JONATHAN, US
[72] KOTHARI, MANISH, US
[72] GARCIA, PABLO E., US
[72] KOENIG, KAREN S., US
[73] SRI INTERNATIONAL, US
[73] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[73] QIU, CHUNYUAN, US
[73] HOFIUS, JONATHAN, ZZ
[73] KOTHARI, MANISH, ZZ
[73] GARCIA, PABLO E., ZZ
[73] KOENIG, KAREN S., ZZ
[85] 2015-07-07
[86] 2014-01-17 (PCT/US2014/012128)
[87] (WO2014/113721)
[30] US (61/754,484) 2013-01-18
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[54] **MOBILIZED TAIL BEARING PUMPJACK**
[54] **CHEVALET DE POMPAGE A RELEVEMENT ARRIERE MOBILISE**
[72] MASON, GARY, CA
[73] MASON, GARY, CA
[85] 2015-07-29
[86] 2014-08-30 (PCT/IB2014/064161)
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[51] **Int.Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) C07K 1/16 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **LOW ACIDIC SPECIES ADALIMUMAB COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS D'ESPECES D'ADALIMUMAB A FAIBLE TENEUR EN ACIDE ET UTILISATIONS ASSOCIEES**
[72] RAMASUBRAMANYAN, NATARAJAN, US
[72] YANG, LIHUA, US
[72] HERIGSTAD, MATTHEW OMON, US
[72] YANG, HONG, US
[72] SUBRAMANIAN, KARTIK, US
[72] DONG, DIANE D., US
[72] LIM, WEN CHUNG, US
[72] GIFFORD, KATHREEN A., US
[72] KAYMAKCALAN, ZEHRA, US
[72] ZENG, XIAOBEI, US
[72] CHUMSAE, CHRISTOPHER, US
[73] ABBVIE INC., US
[73] RAMASUBRAMANYAN, NATARAJAN, ZZ
[73] YANG, LIHUA, ZZ
[73] HERIGSTAD, MATTHEW OMON, ZZ
[73] YANG, HONG, ZZ
[73] SUBRAMANIAN, KARTIK, ZZ
[73] DONG, DIANE D., ZZ
[73] LIM, WEN CHUNG, ZZ
[73] GIFFORD, KATHREEN A., ZZ
[73] KAYMAKCALAN, ZEHRA, ZZ
[73] ZENG, XIAOBEI, ZZ
[73] CHUMSAE, CHRISTOPHER, ZZ
[85] 2015-07-24
[86] 2013-10-18 (PCT/US2013/065749)
[87] (WO2014/158231)
[30] US (PCT/US2013/031485) 2013-03-14
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[51] **Int.Cl. A63H 1/30 (2006.01) A63H 1/06 (2006.01) A63H 29/24 (2006.01)**
[25] EN
[54] **A TRANSFORMABLE YO-YO**
[54] **YO-YO TRANSFORMABLE**
[72] CAI, DONGQING, CN
[73] CAI, DONGQING, ZZ
[73] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
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[86] 2015-01-17 (PCT/CN2015/070946)
[87] (2899674)
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[51] **Int.Cl. B01J 3/02 (2006.01) B09B 3/00 (2006.01)**
[25] EN
[54] **RAW-MATERIAL SUPPLY DEVICE AND BIOMASS SEPARATION DEVICE**
[54] **DISPOSITIF D'APPORT EN MATIERE BRUTE ET DISPOSITIF DE SEPARATION DE BIOMASSE**
[72] GENTA, MINORU, JP
[72] TERAKURA, SEIICHI, JP
[72] UEHARA, RYOSUKE, JP
[72] KOBAYASHI, SEIJI, JP
[73] GENTA, MINORU, ZZ
[73] TERAKURA, SEIICHI, ZZ
[73] UEHARA, RYOSUKE, ZZ
[73] KOBAYASHI, SEIJI, ZZ
[73] MITSUBISHI HITACHI POWER SYSTEMS ENVIRONMENTAL SOLUTIONS, LTD., JP
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[25] EN
[54] **LOW DELAY MODULATED FILTER BANK**
[54] **BANC DE FILTRES MODULES A FAIBLE RETARD**
[72] EKSTRAND, PER, SE
[73] DOLBY INTERNATIONAL AB, NL
[73] EKSTRAND, PER, ZZ
[86] (2901791)
[87] (2901791)
[22] 2010-02-17
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[25] EN
[54] **METHOD FOR TESTING MULTIPLE SPATIALLY DISTRIBUTED PROTECTIVE DEVICES OF AN ENERGY SUPPLY NETWORK, AND CORRESPONDING TESTING SYSTEM**
[54] **PROCEDE DE TEST DE PLUSIEURS SYSTEMES DE PROTECTION DISTRIBUES DANS L'ESPACE D'UN RESEAU D'ALIMENTATION EN ENERGIE ET SYSTEME DE TEST CORRESPONDANT**
[72] HENSLER, THOMAS, AT
[72] SCHWABE, STEFAN, DE
[73] OMICRON ELECTRONICS GMBH, AT
[73] HENSLER, THOMAS, ZZ
[73] SCHWABE, STEFAN, ZZ
[85] 2015-08-19
[86] 2014-02-19 (PCT/EP2014/053190)
[87] (WO2014/128144)
[30] EP (13155926.2) 2013-02-20

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[51] **Int.Cl. G01F 1/58 (2006.01) E21B 47/113 (2012.01) E21B 49/08 (2006.01) G01P 5/08 (2006.01)**
[25] EN
[54] **ROTATING FLUID MEASUREMENT DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE FLUIDE ROTATIF**
[72] MAUTE, ROBERT E., US
[72] SIDHWA, FEROZE, US
[73] REM SCIENTIFIC ENTERPRISES, INC., US
[73] MAUTE, ROBERT E., ZZ
[73] SIDHWA, FEROZE, ZZ
[86] (2901894)
[87] (2901894)
[22] 2007-11-09
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[51] **Int.Cl. E04B 1/02 (2006.01) E04B 2/10 (2006.01)**
[25] EN
[54] **BUILDING BLOCK SYSTEM**
[54] **SYSTEME DE BLOCS DE CONSTRUCTION**
[72] JAIN, RANJIV, US
[73] CONSTRUCTION & DESIGN SOLUTIONS, INC., US
[73] JAIN, RANJIV, ZZ
[85] 2015-08-24
[86] 2014-02-24 (PCT/US2014/017989)
[87] (WO2014/133954)
[30] US (61/769,325) 2013-02-26

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[51] **Int.Cl. H04N 19/136 (2014.01) H04N 19/119 (2014.01) H04N 19/174 (2014.01)**
[25] EN
[54] **METHOD FOR ENTROPY-ENCODING SLICE SEGMENT AND APPARATUS THEREFOR, AND METHOD FOR ENTROPY-DECODING SLICE SEGMENT AND APPARATUS THEREFOR**
[54] **PROCEDE D'ENCODAGE ENTROPIQUE DE SEGMENT DE TRANCHE ET APPAREIL POUR CE PROCEDE, ET PROCEDE DE DECODAGE ENTROPIQUE DE SEGMENT DE TRANCHE ET APPAREIL POUR CE PROCEDE**
[72] LEE, TAMMY, KR
[72] CHOI, BYEONG-DOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[73] LEE, TAMMY, ZZ
[73] CHOI, BYEONG-DOO, ZZ
[86] (2903195)
[87] (2903195)
[22] 2014-01-06
[62] 2,897,006
[30] US (61/748,964) 2013-01-04

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[51] **Int.Cl. A45F 3/18 (2006.01) A47G 19/22 (2006.01) B65D 41/04 (2006.01)**
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[54] **DRINK CONTAINERS AND CAP ASSEMBLIES**
[54] **RECIPIENTS DE BOISSON ET ENSEMBLES BOUCHON**
[72] BLAIN, CHRISTOPHER C., US
[72] CANEER, GREG, US
[72] DAVIES, JEFF, US
[73] CAMELBAK PRODUCTS, LLC, US
[73] BLAIN, CHRISTOPHER C., ZZ
[73] CANEER, GREG, ZZ
[73] DAVIES, JEFF, ZZ
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[54] **METHODS FOR CASTING AGAINST GRAVITY**
[54] **PROCEDES DE COULEE CONTRE LA GRAVITE**
[72] BARRETT, JAMES RAPHORD, US
[72] SNOW, MICHAEL, US
[73] PCC STRUCTURALS, INC., US
[73] BARRETT, JAMES RAPHORD, ZZ
[73] SNOW, MICHAEL, ZZ
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[25] EN
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[54] **APPAREIL DE SYNTHESE D'HYDROCARBURE**
[72] MURATA, ATSUSHI, JP
[72] YAMADA, EIICHI, JP
[72] MURAHASHI, KAZUKI, JP
[72] KATO, YUZURU, JP
[72] ONISHI, YASUHIRO, JP
[73] JAPAN PETROLEUM EXPLORATION CO., LTD., JP
[73] JAPAN OIL, GAS AND METALS NATIONAL CORPORATION, JP
[73] INPEX CORPORATION, JP
[73] JX NIPPON OIL & ENERGY CORPORATION, JP
[73] NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD., JP
[73] MURATA, ATSUSHI, ZZ
[73] YAMADA, EIICHI, ZZ
[73] MURAHASHI, KAZUKI, ZZ
[73] KATO, YUZURU, ZZ
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[73] COSMO OIL CO., LTD., JP
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[54] **WEIGHT COMPENSATED MOLDING MACHINE**
[54] **MACHINE DE MOULAGE A COMPENSATION DE POIDS**
[72] KINTZINGER, RAINER, DE
[72] HALTER, CHRISTOPHE, BE
[72] GLAESENER, PIERRE, LU
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[73] KINTZINGER, RAINER, ZZ
[73] HALTER, CHRISTOPHE, ZZ
[73] GLAESENER, PIERRE, ZZ
[85] 2015-09-21
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[54] **IN SITU HEATED OXYGEN PROBE WITH INTRINSICALLY SAFE OUTPUT**
[54] **SONDE D'OXYGENE CHAUFFEE IN SITU A SORTIE A SECURITE INTRINSEQUE**
[72] NEMER, JOSEPH C., US
[72] STOJKOV, MARK D., US
[73] ROSEMOUNT ANALYTICAL INC., US
[73] NEMER, JOSEPH C., ZZ
[73] STOJKOV, MARK D., ZZ
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[54] **PROPULSEUR A OSCILLATION**
[72] KASSIANOFF, EDOUARD, CA
[73] KASSIANOFF, EDOUARD, CA
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[25] EN
[54] **MEDICAL DEVICE INCLUDING A SLIDER ASSEMBLY**
[54] **DISPOSITIF MEDICAL COMPRENANT UN COULISSEAU**
[72] YOUNG, DOUGLAS J., US
[72] GRANT, KEVIN L., US
[72] HARRIS, MATTHEW C., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[73] YOUNG, DOUGLAS J., ZZ
[73] GRANT, KEVIN L., ZZ
[73] HARRIS, MATTHEW C., ZZ
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[54] **APPARATUS AND METHOD AND TURNTABLE FOR ON-DEMAND DISTRIBUTING OF A FOOD PRODUCT**
[54] **DISPOSITIF ET PROCEDE ET PLATEAU TOURNANT POUR DISTRIBUER UN PRODUIT ALIMENTAIRE SUR DEMANDE**
[72] TUYLS, JAMES M., US
[72] JEPSON, ANTONIO J., US
[72] SALMELA, JUHA K., US
[72] KLOTZ, DONALD A., US
[72] BRODSKY, BORIS, US
[72] DEWING, JOHN W., US
[73] TUYLS, JAMES M., ZZ
[73] JEPSON, ANTONIO J., ZZ
[73] SALMELA, JUHA K., ZZ
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[73] BRODSKY, BORIS, ZZ
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[54] **BASEBALL PITCHING SIMULATOR**
[54] **SIMULATEUR DE LANCER DE BASEBALL**
[72] GREEN, EVERETT L., US
[72] POLAND, ROBERT R., III, US
[73] GREEN, EVERETT L., US
[73] POLAND, ROBERT R., III, US
[85] 2015-12-09
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[25] EN
[54] **PROTEIN TYROSINE KINASE MODULATORS AND METHODS OF USE**
[54] **MODULATEURS DE LA PROTEINE TYROSINE KINASE ET METHODES D'UTILISATION**
[72] HU, SHAOJING, CN
[72] LIU, XIANGYONG, CN
[72] BAI, JINLONG, CN
[72] LONG, WEI, CN
[73] BETTA PHARMACEUTICALS CO., LTD, CN
[73] HU, SHAOJING, ZZ
[73] LIU, XIANGYONG, ZZ
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[25] EN
[54] **SYSTEMS AND METHODS FOR CAPTURING HIGH RESOLUTION IMAGES OF RECTANGULAR OBJECTS USING A MOBILE DEVICE**
[54] **SYSTEMES ET METHODES DE CAPTURE D'IMAGES HAUTE RESOLUTION D'OBJETS RECTANGULAIRES AU MOYEN D'UN APPAREIL MOBILE**
[72] SEMENOV, ANDREY V., RU
[72] ANISIMOV, VALERY, RU
[72] SASHOV, SERGEY N., RU
[72] GORSKI, NIKOLAI D., RU
[73] SEMENOV, ANDREY V., ZZ
[73] ANISIMOV, VALERY, ZZ
[73] SASHOV, SERGEY N., ZZ
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[25] EN
[54] **IDENTIFYING AND EXTRACTING STRATIGRAPHIC LAYERS IN ONE OR MORE BODIES REPRESENTING A GEOLOGICAL STRUCTURE**
[54] **IDENTIFICATION ET EXTRACTION DE COUCHES STRATIGRAHIQUES DANS UN OU PLUSIEURS CORPS REPRESETANT UNE STRUCTURE GEOLOGIQUE**
[72] LUNEBURG, CATALINA MARIA, US
[72] EWING, MICHAEL DAVID, US
[73] LANDMARK GRAPHICS CORPORATION, US
[73] LUNEBURG, CATALINA MARIA, ZZ
[73] EWING, MICHAEL DAVID, ZZ
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[54] **FLEXIBLE PACKAGE STRUCTURE WITH A PRESS-AND-PULL OPENING FEATURE**
[54] **STRUCTURE D'EMBALLAGE FLEXIBLE A ELEMENT D'OUVERTURE A PRESSION-TRACTION**
[72] HUFFER, SCOTT WILLIAM, US
[72] CARPENTER, ROBERT, US
[73] SONOCO DEVELOPMENT, INC., US
[73] HUFFER, SCOTT WILLIAM, ZZ
[73] CARPENTER, ROBERT, ZZ
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[54] **ENGINE-DRIVEN GENERATOR**
[54] **GENERATEUR ENTRAINE PAR UN MOTEUR**
[72] TAKAHASHI, YUKI, JP
[72] KASE, TAKUO, JP
[72] SHIMOZONO, KAZUKI, JP
[72] YANAI, KIYOMI, JP
[73] TAKAHASHI, YUKI, ZZ
[73] KASE, TAKUO, ZZ
[73] SHIMOZONO, KAZUKI, ZZ
[73] YANAI, KIYOMI, ZZ
[73] HONDA MOTOR CO., LTD., JP
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[54] **APPARATUS FOR REDUCING TURBULENCE IN A FLUID STREAM**
[54] **APPAREIL POUR REDUIRE LA TURBULENCE DANS UN COURANT DE FLUIDE**
[72] MARICA, ADRIAN, US
[73] MARICA, ADRIAN, ZZ
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **SEEDING COMPOSITION SYSTEM WITH DISPENSING APPARATUS**
[54] **MECANISME DE COMPOSITION DE SEMENCE DOTE D'UN APPAREIL DE DISTRIBUTION**
[72] FOSTER, BRYAN, US
[72] TOBIAS, ANDREW, US
[73] FOSTER, BRYAN, US
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[54] **WIRELESS TERMINAL CONFIGURATION METHOD, APPARATUS, AND WIRELESS TERMINAL**
[54] **METHODE DE CONFIGURATION DE TERMINAL SANS FIL, APPAREIL ET TERMINAL SANS FIL**
[72] LI, XIAOXIAN, CN
[72] DING, ZHIMING, CN
[73] HUAWEI DEVICE CO., LTD., CN
[73] LI, XIAOXIAN, ZZ
[73] DING, ZHIMING, ZZ
[85] 2016-02-29
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[25] FR
[54] **METHOD OF CONTROLLING MAGNETO-COUPLERS OF AN ATTITUDE CONTROL SYSTEM OF A SPACE VEHICLE**
[54] **PROCEDE DE COMMANDE DE MAGNETO-COUPLEURS D'UN SYSTEME DE CONTROLE D'ATTITUDE D'UN VEHICULE SPATIAL**
[72] MORO, VALERIO, FR
[73] AIRBUS DEFENCE AND SPACE SAS, FR
[73] MORO, VALERIO, ZZ
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[54] **METHOD OF PRODUCING WELD JOINT**
[54] **PROCEDE DE PRODUCTION DE RACCORD SOUDE**
[72] KAMAGAI, TATSUYA, JP
[72] NAKAMURA, SHUICHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] KAMAGAI, TATSUYA, ZZ
[73] NAKAMURA, SHUICHI, ZZ
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[54] **DRY SORBENT INJECTION DURING STEADY-STATE CONDITIONS IN DRY SCRUBBER**
[54] **INJECTION D'UN SORBANT DESHYDRATE DURANT LA PHASE DE REGIME STABLE D'UN EPURATEUR A SEC**
[72] JANKURA, BRYAN J., US
[72] SILVA, ANTHONY A., US
[72] CAMPOBENEDETTO, EDWARD J., US
[73] THE BABCOCK & WILCOX COMPANY, US
[73] JANKURA, BRYAN J., ZZ
[73] SILVA, ANTHONY A., ZZ
[73] CAMPOBENEDETTO, EDWARD J., ZZ
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[54] **SYSTEM AND METHOD FOR PROVIDING VOICE SERVICE IN A MULTIMEDIA MOBILE NETWORK**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UN SERVICE VOCAL DANS UN RESEAU MOBILE MULTIMEDIA**
[72] SAELLBERG, KRISTER, SE
[72] PALM, HAKAN, SE
[72] DIACHINA, JOHN, US
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[73] SAELLBERG, KRISTER, ZZ
[73] PALM, HAKAN, ZZ
[73] DIACHINA, JOHN, ZZ
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[54] **SYSTEM AND METHOD FOR PROVIDING VOICE SERVICE IN A MULTIMEDIA MOBILE NETWORK**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UN SERVICE VOCAL DANS UN RESEAU MOBILE MULTIMEDIA**
[72] SAELLBERG, KRISTER, SE
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[73] PALM, HAKAN, ZZ
[73] DIACHINA, JOHN, ZZ
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[54] **CLOSURE ASSEMBLY AND A METHOD OF MAKING THE SAME**
[54] **DISPOSITIF DE FERMETURE ET UN PROCEDE DE FABRICATION ASSOCIE**
[72] WANG, KUEI-YUNG, TW
[73] NAN YA PLASTICS CORPORATION, TW
[73] WANG, KUEI-YUNG, ZZ
[86] (2929687)
[87] (2929687)
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[30] TW (104208978) 2015-06-05
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[25] EN
[54] **SYSTEMS AND METHODS FOR FUEL DISPENSER SECURITY**
[54] **SYSTEMES ET PROCEDES POUR LA SECURITE D'UN DISTRIBUTEUR DE CARBURANT**
[72] BERGQVIST, ANDERS, SE
[73] WAYNE FUELING SYSTEMS SWEDEN AB, SE
[73] BERGQVIST, ANDERS, ZZ
[85] 2016-05-10
[86] 2014-11-18 (PCT/IB2014/003055)
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[54] **LAMINATE FLOOR ELEMENT**
[54] **ELEMENT DE SOL STRATIFIE**
[72] SEIDEL, HENNING, FR
[72] MEIER, LEONHARD, DE
[72] VOGGENAUER, ROBERT, DE
[72] WARDA, ROLF, DE
[72] SCHUNK, STEPHAN, DE
[72] WACHS, TILO, DE
[73] RKW SE, DE
[73] SURTECO SE, DE
[73] SEIDEL, HENNING, ZZ
[73] MEIER, LEONHARD, ZZ
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[54] **THRUST BEARING SURFACE FOR FLOATER-STYLE CENTRIFUGAL PUMPS**
[54] **SURFACE DE PALIER A BUTEE DESTINEE A DES POMPES CENTRIFUGES DE STYLE FLOTTEUR**
[72] DAVIS, GREGORY AUSTIN, US
[72] WALTON, FREDDIE GEORGE, US
[72] JOLLY, DAVID THOMAS, US
[73] SUMMIT ESP, LLC, US
[73] DAVIS, GREGORY AUSTIN, ZZ
[73] WALTON, FREDDIE GEORGE, ZZ
[73] JOLLY, DAVID THOMAS, ZZ
[86] (2930865)
[87] (2930865)
[22] 2016-05-20
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[54] **IMPROVED METHOD FOR RAPID ANALYSIS OF GOLD**
[54] **PROCEDE AMELIORE DESTINE A L'ANALYSE RAPIDE DE L'OR**
[72] TICKNER, JAMES, AU
[72] ROACH, GREG, AU
[73] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[73] TICKNER, JAMES, ZZ
[73] ROACH, GREG, ZZ
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[54] **MODULAR STORAGE RACK MADE OF FLAT PANELS AND CROSS PANELS**
[54] **SUPPORT DE RANGEMENT MODULAIRE DE PANNEAUX PLATS ET DE PANNEAUX TRANSVERSAUX**
[72] POLLARD, BRIAN ANDREW, CA
[73] POLLARD, BRIAN ANDREW, CA
[86] (2936122)
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[25] EN
[54] **GRIP AND INTERNAL WEIGHT SYSTEM FOR A GOLF CLUB HAVING A STOPPER WITHIN THE GRIP**
[54] **POIGNEE ET SYSTEME DE POIDS INTERNE POUR BATON DE GOLF AYANT UNE BUTEE A L'INTERIEUR DE LA POIGNEE**
[72] DINGMAN, DEAN, US
[72] LEE, CHRIS, CN
[73] SSG INTERNATIONAL, LLC, US
[73] DINGMAN, DEAN, ZZ
[73] LEE, CHRIS, ZZ
[85] 2016-08-11
[86] 2015-03-04 (PCT/US2015/018682)
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[54] **NEGOTIABLE INSTRUMENT WITH DUAL-SIDED VARIABLE PRINTING**
[54] **INSTRUMENT NEGOCIABLE A IMPRESSION VARIABLE A DOUBLE FACE**
[72] MAGNUS, PHILIP, US
[72] SANCHEZ, LUIS, US
[72] EBREY, RICHARD, US
[72] HARTLAGE, DANIEL, US
[72] MERICLE, ERIK, US
[72] CASTILLEJA, DANIEL, US
[73] HARLAND CLARKE CORP., US
[73] MAGNUS, PHILIP, ZZ
[73] SANCHEZ, LUIS, ZZ
[73] EBREY, RICHARD, ZZ
[73] HARTLAGE, DANIEL, ZZ
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[25] EN
[54] **IMPLANTABLE PASTE AND ITS USE**
[54] **PATE IMPLANTABLE ET SON UTILISATION**
[72] DRAGO, LORENZO, IT
[72] ROMANO, CARLO LUCA, IT
[72] LUCCHESI, JIMMY, FI
[72] OLLILA, FREDRIK, FI
[73] BONALIVE BIOMATERIALS OY, FI
[73] DRAGO, LORENZO, ZZ
[73] ROMANO, CARLO LUCA, ZZ
[73] LUCCHESI, JIMMY, ZZ
[73] OLLILA, FREDRIK, ZZ
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[86] 2015-03-16 (PCT/EP2015/055392)
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[54] **AUTOMATED MACHINE FOR SLITTING AND WEDGE CUTTING WHOLE FRUITS AND VEGETABLES**
[54] **MACHINE AUTOMATISEE POUR L'INCISION ET LA COUPE DE QUARTIERS DE FRUITS ET DE LEGUMES ENTIERS**
[72] MANN, BARRIE, US
[72] SZAKACS, KEVIN, CA
[72] FRAITAG, LEONARD, US
[72] CARD, STEVEN, US
[73] SUPRACUT SYSTEMS INTERNATIONAL INC., CA
[73] MANN, BARRIE, ZZ
[73] SZAKACS, KEVIN, CA
[73] FRAITAG, LEONARD, ZZ
[73] CARD, STEVEN, ZZ
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[25] EN
[54] **ULTIMATE SPORTS BAG SYSTEM**
[54] **SYSTEME DE SAC DE SPORTS ULTIME**
[72] SKIFFINGTON, RODNEY T., CA
[71] SHARP IMAGES INC, CA
[22] 2015-10-07
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[25] EN
[54] **FOOTWEAR HAVING POLYURETHANE BRIDGE LAYER JOINING SOLE AND UPPER AND METHOD OF MANUFACTURING SAME**
[54] **CHAUSSURE COMPORTANT UNE COUCHE INTERCALAIRE EN POLYURETHANE JOIGNANT LA SEMELLE ET L'EMPEIGNE ET METHODE DE FABRICATION ASSOCIEE**
[72] CHEN, MAOSHUANG, CN
[71] CHEN, MAOSHUANG, CN
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[51] **Int.Cl. A41D 13/05 (2006.01) A41D 13/015 (2006.01) A41H 43/04 (2006.01) A63B 71/08 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING SPORTS PROTECTIVE EQUIPMENT, AND SPORT PROTECTIVE EQUIPMENT MANUFACTURED BY THE SAME**
[54] **METHODE DE FABRICATION D'EQUIPEMENT DE PROTECTION SPORTIF ET EQUIPEMENT DE PROTECTION SPORTIF AINSI FABRIQUE**
[72] WU, HSIEN-CHANG, TW
[72] HSU, HUNG-SUNG, TW
[71] WU, HSIEN-CHANG, TW
[71] HSU, HUNG-SUNG, TW
[22] 2015-10-02
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[51] **Int.Cl. H01L 35/28 (2006.01)**
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[54] **PASSIVE THERMOELECTRIC GENERATOR USING NOVEL THERMOSIPHON HEATSINK COMBINATION**
[54] **GENERATEUR THERMOELECTRIQUE PASSIF EMPLOYANT UNE COMBINAISON NOVATRICE DE THERMOSIPHON ET DE PUITS THERMIQUE**
[72] CAMPEAU, GERARD R., CA
[71] CAMPEAU, GERARD R., CA
[22] 2015-10-02
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[51] **Int.Cl. B25J 5/00 (2006.01)**
[25] EN
[54] **A HIGH MOBILITY, HIGN POWER, AND FLEXIBLE ROBOT**
[54] **ROBOT FLEXIBLE HAUTE PUISSANCE A GRANDE MOBILITE**
[72] HOWARD, LEO, CA
[71] HOWARD, LEO, CA
[22] 2015-10-06
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[51] **Int.Cl. A23P 30/00 (2016.01) A21C 3/00 (2006.01) A21C 9/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A PRODUCT INCLUDING STARCH BALL**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT COMPORTANT UNE BOULE D'AMIDON**
[72] KUO, LIN-KUEI, TW
[71] KUO, LIN-KUEI, TW
[22] 2015-10-02
[41] 2017-04-02

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[25] EN
[54] **WASHING APPARATUS**
[54] **APPAREIL DE LAVAGE**
[72] HOLTBY, QUINN A.J., CA
[72] GREENWOOD, DALLAS, CA
[71] KATCH KAN HOLDINGS LTD., CA
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[25] EN
[54] **INSPECTION CHAMBER LID**
[54] **COUVERCLE DE CHAMBRE D'INSPECTION**
[72] SCHULT, ROBERT, US
[72] HOUGHTON, JON, US
[71] ROYAL GROUP, INC., US
[22] 2015-10-05
[41] 2017-04-05

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[51] **Int.Cl. A47J 36/36 (2006.01)**
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[54] **BOTTLE SLEEVE**
[54] **MANCHON DE BOUTEILLE**
[72] LEUNG, NORA Y., CA
[72] PUITTINEN, DAVID L, CA
[71] LEUNG, NORA Y., CA
[71] PUITTINEN, DAVID L, CA
[22] 2015-10-05
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[51] **Int.Cl. A61H 31/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **CPR FRIEND**
[54] **AMI DE RCR**
[72] CAMPBELL, MICHAEL, CA
[72] GREER, MATTHEW R., CA
[72] PELLETIER, MARC P., CA
[71] CAMPBELL, MICHAEL, CA
[71] GREER, MATTHEW R., CA
[71] PELLETIER, MARC P., CA
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[51] **Int.Cl. G06N 3/08 (2006.01)**
[25] EN
[54] **ARTIFICIAL NEURAL NETWORK TRAINING: BOUNDED BIAS TECHNIQUE**
[54] **ENTRAINEMENT DE RESEAU NEURONAL ARTIFICIEL : TECHNIQUE DU BIAIS LIE**
[72] MOHAMMADIAN ABKENAR, SEYED MOJTABA SMMA, CA
[71] MOHAMMADIAN ABKENAR, SEYED MOJTABA SMMA, CA
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[54] **HOLLOW LIGHT GUIDE LUMINAIRE**
[54] **LUMINAIRE GUIDE CREUX**
[72] KENNEDY, MATTHEW, CA
[71] KENNEDY, MATTHEW, CA
[22] 2015-10-07
[41] 2017-04-07

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[51] **Int.Cl. G06Q 50/32 (2012.01)**
[25] EN
[54] **MAILBOX AND P.O BOX ALERT SYSTEM**
[54] **BOITE AUX LETTRES ET SYSTEME D'ALERTE DESTINE A UNE BOITE POSTALE**
[72] CORTAVITARTE, MARIO A., CA
[71] CORTAVITARTE, MARIO A., CA
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[25] EN
[54] **LIFELINE BRACKET FOR LADDERS, LADDERS INCLUDING LIFELINE BRACKETS AND RELATED WORK PLATFORM SYSTEMS AND METHODS**
[54] **SUPPORT DE CORDE DE SECURITE POUR ECHELLES, ECHELLES COMPORTANT DES SUPPORTS DE CORDE DE SECURITE ET MECANISMES DE PLATEFORME DE TRAVAIL ET METHODES ASSOCIES**
[72] LIBERT, SCOTT, US
[71] SAFWAY SERVICES, LLC, US
[22] 2015-10-06
[41] 2017-04-06
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[51] **Int.Cl. F41B 7/08 (2006.01) A63H 33/18 (2006.01) F41B 5/12 (2006.01)**
[25] EN
[54] **THE MARSHMALLOW CROSSBOW THEREFOR**
[54] **ARBALETE A PROJECTILE EN FORME DE GUIMAUVE**
[72] DAVIDSON, JEFFREY C., CA
[71] DAVIDSON, JEFFREY C., CA
[22] 2015-10-08
[41] 2017-04-08

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[51] **Int.Cl. B63C 3/08 (2006.01) B63C 3/00 (2006.01) B63C 3/12 (2006.01)**
[25] EN
[54] **BOAT HANDLING APPARATUS**
[54] **APPAREIL DE DEPLACEMENT DE BATEAU**
[72] PLACE, DALE DAVID, CA
[71] PLACE, DALE DAVID, CA
[22] 2015-10-06
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[51] **Int.Cl. A61L 27/40 (2006.01) A61F 2/28 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **MULTILAYERED BONE GRAFT AND METHOD OF MAKING SAME**
[54] **GREFFON OSSEUX MULTICOUCHE ET PROCEDE DE FABRICATION ASSOCIE**
[72] BARTHELAT, FRANCOIS, CA
[72] TANZER, MICHAEL, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[25] EN
[54] **COMPOSITIONS AND METHODS OF USE FOR CELL TARGETED INHIBITORS OF THE CYSTIC FIBROSIS TRANSMEMBRANE REGULATOR ASSOCIATED LIGAND**
[54] **COMPOSITIONS ET METHODES DESTINEES AUX INHIBITEURS DE CELLULES CIBLES DU LIGAND ASSOCIE AU REGULATEUR TRANSMEMBRANAIRE DE LA MUCOVISCIDOSE**
[72] MALLON, ANDREW PETER, US
[72] BACH, ALVIN C., II, US
[71] CALISTA THERAPEUTICS, INC., US
[22] 2015-10-02
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[51] **Int.Cl. F16L 25/00 (2006.01) F16L 41/00 (2006.01)**
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[54] **SUPPLY MANIFOLD WITH ROTATABLE SLIDER**
[54] **COLLECTEUR D'ALIMENTATION DOTE D'UNE GLISSIERE PIVOTANTE**
[72] MACDUFF, MALCOLM, CA
[72] MACDUFF, JAMES, CA
[71] MACDUFF, MALCOLM, CA
[71] MACDUFF, JAMES, CA
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[25] EN
[54] **PANEL FLANGE BENDING TOOL**
[54] **OUTIL SERVANT A COURBER UN PANNEAU A REBORD**
[72] LIBREIRO, MIGUEL ANTONIO MOORE, CA
[72] MCKINLEY, JOEL ADAM, CA
[71] CARTER FABRICATING INC., CA
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[25] EN
[54] **HUMAN-MOUSE CHIMERIC ANTI-CD147 ANTIBODY WITH NON-FUCOSYLATED GLYCOSYLATION**
[54] **ANTICORPS ANTI-CD147 CHIMERIQUE HUMAIN-SOURIS A GLYCOSYLATION NON FUCOSYLATEE**
[72] CHEN, ZHINAN, CN
[72] ZHANG, ZHENG, CN
[72] ZHANG, YANG, CN
[72] FENG, FEI, CN
[72] HUHE, MUREN, CN
[72] YANG, XIANGMIN, CN
[71] FOURTH MILITARY MEDICAL UNIVERSITY, CN
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[51] **Int.Cl. B60P 1/56 (2006.01) B65G 41/00 (2006.01)**
[25] EN
[54] **TRAILER MOUNTED TRANSFER CONVEYOR**
[54] **COURROIE DE TRANSFERT INSTALLEE SUR UNE REMORQUE**
[72] PARSON, KEN, CA
[71] K-HART INDUSTRIES LTD., CA
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[51] **Int.Cl. B60D 1/14 (2006.01) B60R 9/06 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **RESILIENT TOWING DEVICE FOR TOWING RECEPTACLES**
[54] **MECANISME DE REMORQUAGE RESILIENT DESTINE AU REMORQUAGE DE RECEPTACLES**
[72] COOPER, KENNETH S., US
[71] COOPER, KENNETH S., US
[22] 2015-10-13
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[51] **Int.Cl. B23K 35/22 (2006.01) B23P 6/04 (2006.01)**
[25] EN
[54] **METHOD OF REPAIRING AND MANUFACTURING OF TURBINE ENGINE COMPONENTS AND TURBINE ENGINE COMPONENT REPAIRED OR MANUFACTURED USING THE SAME**
[54] **METHODE DE REPARATION ET DE FABRICATION DE COMPOSANTS DE TURBINE ET COMPOSANT DE TURBINE REPARE OU FABRIQUE SELON LADITE METHODE**
[72] GONCHAROV, ALEXANDER B., CA
[72] LIBURDI, JOSEPH, CA
[72] LOWDEN, PAUL, CA
[71] LIBURDI ENGINEERING LIMITED, CA
[22] 2015-12-21
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[54] **DISC SAW FELLING HEAD FOR A FELLER BUNCHER**
[54] **TETE D'ABATTAGE DE SCIE CIRCULAIRE DESTINEE A UNE ABATTEUSE-EMPILEUSE**
[72] DISABATINO, BENJAMIN, CA
[71] DEERE & COMPANY, US
[22] 2016-02-02
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[54] **HOSE VALVE APPARATUS AND METHOD FOR RETRACTABLE HOSE VACUUM SYSTEMS**
[54] **APPAREILLAGE DE VALVE DE TUYAU ET METHODE DESTINEE A DES SYSTEMES D'ASPIRATEUR A TUYAU RETRACTABLE**
[72] DRIVSTUEN, ROD, US
[72] RAWLS, LEE, US
[71] HIDE-A-HOSE INC., US
[22] 2016-02-03
[41] 2017-04-06
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[51] **Int.Cl. A47L 15/42 (2006.01) A47L 15/00 (2006.01) E06B 3/70 (2006.01) E06B 5/00 (2006.01) F24C 15/02 (2006.01)**
[25] EN
[54] **HANDLE TRAY FOR FASCIA PANEL OF AN APPLIANCE**
[54] **PLATEAU DE POIGNEE DESTINEE AU PANNEAU AVANT D'UN ELECTROMENAGER**
[72] CRINER, MIA, US
[72] HITE, DAVID, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2016-02-09
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[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/12 (2006.01)**
[25] EN
[54] **PORTION OF BRA AND BRA HAVING ZONES OF VARYING ELASTIC MODULI**
[54] **PORTION DE SOUTIEN-GORGE ET SOUTIEN-GORGE COMPORTANT DES ZONES AYANT UN MODULE D'ELASTICITE VARIABLE**
[72] MARTINET, NATHALIE, HK
[72] YIP, SUET HING, HK
[72] LEE, QUEENIE JUI-CHUAN, HK
[72] LEANAGE, NADEEKHA MICHELLE, HK
[71] MAST INDUSTRIES (FAR EAST) LIMITED, HK
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[41] 2017-04-07
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR PROTECTION AND/OR REPAIR OF THE NERVOUS SYSTEM**
[54] **COMPOSITIONS ET METHODES DE PROTECTION ET REPARATION DU SYSTEME NERVEUX**
[72] WEBSTER, GILLIAN ALISON, AU
[71] INNATE IMMUNOTHERAPEUTICS LIMITED, AU
[22] 2016-04-06
[41] 2017-04-06
[30] AU (2015904055) 2015-10-06

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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 21/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING MULTIPLE SCLEROSIS**
[54] **METHODE DE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
[72] LEPPERT, DAVID, CH
[72] LI-KWAI-CHEUNG, ANNE-MARIE, CH
[72] LIBONATI, MICHELE, US
[72] MASTERMAN, DONNA, US
[72] PFEFEN, JEAN-PAUL, CH
[72] SMITH, CRAIG, US
[72] WEISSKOPF, ALGIRDAS JONAS KAKARIEKA, CH
[72] ZHANG, JIAMENG, US
[72] CHIN, PETER S., US
[72] GARREN, HIDEKI, CH
[71] LEPPERT, DAVID, CH
[71] LI-KWAI-CHEUNG, ANNE-MARIE, CH
[71] LIBONATI, MICHELE, US
[71] MASTERMAN, DONNA, US
[71] PFEFEN, JEAN-PAUL, CH
[71] SMITH, CRAIG, US
[71] WEISSKOPF, ALGIRDAS JONAS KAKARIEKA, CH
[71] ZHANG, JIAMENG, US
[71] CHIN, PETER S., US
[71] GARREN, HIDEKI, CH
[22] 2016-06-27
[41] 2017-04-06
[30] US (62/238,103) 2015-10-06
[30] US (62/238,674) 2015-10-07
[30] US (62/271,985) 2015-12-28
[30] US (62/296,049) 2016-02-16
[30] US (62/322,734) 2016-04-14
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[51] **Int.Cl. B32B 3/30 (2006.01) B32B 7/08 (2006.01) B32B 27/04 (2006.01) B32B 33/00 (2006.01) B32B 37/00 (2006.01) B32B 38/04 (2006.01) B64C 3/20 (2006.01) B64D 45/02 (2006.01) H02H 3/22 (2006.01)**
[25] EN
[54] **METHODS FOR DIVERTING LIGHTNING CURRENT FROM SKIN FASTENERS IN COMPOSITE, NON-METALLIC STRUCTURES**
[54] **METHODE DE DEVIATION DU COURANT DE FOUDRE DES FIXATIONS DE SURFACE DANS LES STRUCTURES EN COMPOSITE NON METALLIQUES**
[72] LE, QUYNHGIAO, US
[72] MORGAN, JEFFREY DENYS, US
[72] GREEGOR, ROBERT B., US
[72] WHITING, BRENT A., US
[71] THE BOEING COMPANY, US
[22] 2016-06-29
[41] 2017-04-05
[30] US (14/875,297) 2015-10-05

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[13] A1
[51] **Int.Cl. F16H 3/22 (2006.01) F16H 57/02 (2012.01)**
[25] EN
[54] **LINEAR GEAR SHIFT POWER TRANSFER MECHANISM**
[54] **MECANISME DE TRANSFERT DE PUISSANCE D'ENGRENAGE LINEAIRE**
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[72] CUNNINGHAM, MARK HUZZARD, CA
[72] BISSON, FRANCOIS C., CA
[72] KAMESHKI, MOHAMMAD REZA, CA
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[54] **CHAUFFE-MAIN**
[72] FORZANI, JOHN, US
[72] GALVON, JESSE, CA
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[72] WIEDEMANN, JIM, CA
[71] FORUM US, INC., US
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[54] **METHODES ET FORMULES DESTINEES A REDUIRE LES EMISSIONS D'AMMONIAC DES BOVINS**
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[72] KUBE, JOHN CHARLES, US
[72] TEETER, JEROLD SCOTT, US
[71] ELI LILLY AND COMPANY, US
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[54] **DETECTEURS DE CARACTERISTIQUES DU SOL SUR DES ELEMENTS D'ENGAGEMENT AU SOL D'UNE MACHINE DE PLANTATION**
[72] GARNER, ELIJAH B., US
[72] TEVS, NIKOLAI, US
[72] RHODES, MICHAEL L., US
[72] PUHALLA, JEFFREY S., US
[71] DEERE & COMPANY, US
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[54] **SYSTEMS AND METHODS FOR AUTOMATED MAPPING AND ACCURACY-TESTING**
[54] **SYSTEMES ET METHODES DE CARTOGRAPHIE ET VERIFICATION D'EXACTITUDE AUTOMATISEES**
[72] MORGAN, SEAN M., US
[72] JASPERSON, KEITH E., US
[72] WEISENBERGER, MICHAEL R., US
[71] COVIDIEN LP, US
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[54] **SYSTEME ET METHODE DE VERIFICATION DE MESSAGES ADS-B**
[72] TABOSO BALLESTEROS, PEDRO, ES
[72] RODRIGUEZ MONTEJANO, ROSA MARIA, ES
[72] CANO SERRANO, FLORENCIO, ES
[71] THE BOEING COMPANY, US
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[54] **LUBRIFICATION D'ENGRENAGE DE RECOLTEUR DE MAIS**
[72] PEREZ, JAVIER J., ES
[72] BERNKLAU, NATHANIEL R., US
[72] BOMLENY, DUANE M., US
[72] CABEZAS, SARA, ES
[72] VANDEVEN, MICHAEL L., US
[72] SANZ, GUILLERMO G., ES
[72] RUPEREZ, RUBEN R., ES
[72] BADHE, PRAFULLA S., IN
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[54] **PIEUX APPATS A INSECTES**
[72] KING, ANDREW, US
[72] FIORE, JOSEPH F., US
[71] WOODSTREAM CORPORATION, US
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[54] **MARCHE ARRIERE DE MOTEUR DE SYSTEME DE SEMOIR AUTOMATIQUE**
[72] RAINS, GERALD E., US
[72] FRASIER, MICHAEL E., US
[71] CIPO, CA
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[54] **SYSTEME DE DEPLOIEMENT A 4 BARRES COULISSANTES POUR TREMIE**
[72] BORKGREN, STANLEY R., US
[72] CASTILLO, LEONEL O., MX
[71] DEERE & COMPANY, US
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[54] **CORN HEAD ROW UNIT GEARBOX DRIVE SHAFT SEAL**
[54] **JOINT DE TIGE D'ENTRAINEMENT DE BOITE DE VITESSES DE RECOLTEUR DE MAIS**
[72] BERNKLAU, NATHANIEL R., US
[72] WELCH, RANDY R., US
[72] BOMLENY, DUANE M., US
[72] CABEZAS, SARA, ES
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[54] **MACHINE ROTATIVE COMPORTANT DES COUSSINETS MAGNETIQUES ET MECANIQUES**
[72] CARRASCO, EDUARDO, FR
[72] SCHROEDER, ULRICH, FR
[71] SKF MAGNETIC MECHATRONICS, FR
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[54] **INSTRUMENT MICRO CHIRURGICAL ET MODULE DE CHARGEMENT DESTINE AUDIT INSTRUMENT**
[72] ARANYI, ERNEST, US
[72] KOSTRZEWSKI, STANISLAW, US
[72] MARCZYK, STANISLAW, US
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[54] **INTERFACE DE CONTROLE DE DISPOSITIF MEDICAL RFID**
[72] FRANJIC, KRESIMIR, CA
[72] HYNNA, KAI, CA
[72] RICHMOND, JOSHUA, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **ISOLATEUR ELECTRIQUE**
[72] CHASE, IAN THOMAS, GB
[72] O'GARA, DARCY JOHN, GB
[72] PALACIOS, MIGUEL, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
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[54] **DISTRIBUTION D'ALIMENTATION INTEGREE, RESEAU DE DONNEES ET ARCHITECTURES DE COMMANDE D'UN VEHICULE**
[72] CARLEIAL, PEDRO R., US
[72] KNIGHT, MICHAEL, US
[71] GULFSTREAM AEROSPACE CORPORATION, US
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[54] **SUIVI DE CAPTEUR ELECTRO-OPTIQUE MILITAIRE**
[72] ROTVOLD, OYVIND, NO
[71] METRONOR AS, NO
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[72] PEDRETTI, ANDREA, IT
[71] PEDRETTI, ANDREA, IT
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[54] **ROUE SORTANTE DESTINEE A LA SOUDURE DE TUYAU**
[72] AVELLANEDA, JOEL, US
[72] GONZALEZ, EMANUEL, US
[71] ROLY LLC, US
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[54] **AJUSTEMENT THERMOMECANIQUE D'UN DISPOSITIF LASER**
[72] MAITY, SANDIP, IN
[72] ZHOU, YING, CN
[72] ROBINSON, DAVID PETER, GB
[72] REFAI-AHMED, GAMAL, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ARBRE D'ENTREE DE BOITE DE VITESSES D'UNE TURBINE A GAZ**
[72] ANTELO, RANDY THOMAS, US
[72] VAN DER MERWE, GERT J., US
[72] FANG, NING, US
[72] MILLER, STEVE D., US
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[54] **CONTROLE DE LA MOUSSE DANS UN APPAREIL EN AMONT D'UN POT DE FUSION PAR AJUSTEMENT DE LA TENEUR EN OXYDE ALCALIN DANS LE POT DE FUSION**
[72] MARTIN, MARLON KEITH, US
[72] JEVICOVA, KRISTINA, US
[72] SHOCK, JEFFREY M., US
[72] CHARBONNEAU, MARK WILLIAM, US
[71] JOHNS MANVILLE, US
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[54] **SOLUTION DE NETTOYAGE ET METHODES DE NETTOYAGE D'UN MOTEUR A TURBINE**
[72] TIBBETTS, NICOLE JESSICA, US
[72] DOLLEY, EVAN J., US
[72] BEWLAY, BERNARD PATRICK, US
[72] ANDERSON, DENISE ANNE, US
[72] MCLEAN, NATHAN DAVID, US
[72] TELFEYAN, ERIC JOHN, US
[72] WAGENBAUGH, FRANK, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ENGINE HAVING VARIABLE PITCH OUTLET GUIDE VANES**
[54] **MOTEUR COMPORTANT DES AUBES DE GUIDAGE DE SORTIE A PAS VARIABLE**
[72] MILLER, BRANDON WAYNE, US
[72] BECKER, THOMAS LEE, JR., US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEME DE CONTROLE D'ECLAIRAGE DE CHAMP DESTINE A DES LUMINAIRES A DEL**
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[72] BRAND, JAMES G., US
[71] ABL IP HOLDING LLC, US
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[72] PETERSSON, JOAKIM, SE
[71] ROXTEC AB, SE
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[54] **METHOD AND SYSTEM FOR MODULATED TURBINE COOLING**
[54] **PROCEDE ET SYSTEME DESTINES AU REFROIDISSEMENT DE TURBINE MODULE**
[72] MUELLER, JOHN HERMAN, US
[72] GEBBIA, ANDREW BRADLEY, US
[72] KAHN, ADAM ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **VARIABLE PITCH FAN BLADE RETENTION SYSTEM**
[54] **MECANISME DE RETENUE DE PALE DE VENTILATEUR A PAS VARIABLE**
[72] NIERGARTH, DANIEL ALAN, US
[72] PRENTICE, IAN FRANCIS, US
[72] KROGER, CHRISTOPHER JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **WINDAGE SHIELD SYSTEM AND METHOD OF SUPPRESSING RESONANT ACOUSTIC NOISE**
[54] **MECANISME DE PROTECTION DE DERIVATION ET METHODE DE SUPPRESSION DE BRUIT DE RESONANCE ACOUSTIQUE**
[72] MUELLER, JOHN HERMAN, US
[72] KLASING, KEVIN SAMUEL, US
[72] GEBBIA, ANDREW B., US
[72] WARFIELD, STEVEN CURTISS, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
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[54] **PARAFOUDRE DESTINE A UN SYSTEME D'ECLAIRAGE DE PISTE ET UN CIRCUIT SECONDAIRE D'UN SYSTEME D'ECLAIRAGE DE PISTE**
[72] LAUKKANEN, MIKA, FI
[72] EINOVAARA, JAAKKO, FI
[71] EFLA OY, FI
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[25] EN
[54] **METHOD FOR DYNAMICALLY ADAPTING THE CAPACITY OF A CONTENTION TRANSMISSION CHANNEL**
[54] **METHODE D'ADAPTATION DYNAMIQUE DE LA CAPACITE D'UN CANAL DE TRANSMISSION DE CONFLIT**
[72] NIDDAM, DAVID, FR
[72] GINESTE, MATHIEU, FR
[72] FAURE, CECILE, FR
[72] ULPAT, ISABELLE, FR
[71] THALES, FR
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[25] EN
[54] **METHOD FOR TRANSMITTING DATA PACKETS SWITCHED BETWEEN A RANDOM ACCESS CHANNEL (RACH) AND A DEMAND ASSIGNED MULTIPLE ACCESS (DAMA) CHANNEL**
[54] **METHODE DE TRANSMISSION DE PAQUETS DE DONNEES COMMUTEES ENTRE UN CANAL A ACCES ALEATOIRE ET UN CANAL D'ACCES ATTRIBUE SUR DEMANDE**
[72] GINESTE, MATHIEU, FR
[72] NIDDAM, DAVID, FR
[72] FAURE, CECILE, FR
[72] ULPAT, ISABELLE, FR
[71] THALES, FR
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[51] **Int.Cl. A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **CATHETER WITH MEMBRANED SPINES FOR PULMONARY VEIN ISOLATION**
[54] **CATHETER DOTE DE CRETES MEMBRANEES DESTINE A L'ISOLEMENT D'UNE VEINE PULMONAIRE**
[72] BASU, SHUBHAYU, US
[72] MIN, SUNGWOO, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[41] 2017-04-08
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/00 (2016.01) A61B 5/055 (2006.01) A61B 6/00 (2006.01)**
[25] EN
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[54] **IDENTIFICATION ET INSCRIPTION DE GABARIT MULTI MARQUEUR**
[72] DEMRI, TAMIR, IL
[72] ABRAMOVICH, PINHAS, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[13] A1
[51] **Int.Cl. B64D 27/26 (2006.01)**
[25] EN
[54] **AN AIRCRAFT ENGINE ASSEMBLY COMPRISING AT LEAST TWO REAR ENGINE ATTACHMENTS AXIALLY SHIFTED FROM EACH OTHER**
[54] **UN APPAREILLAGE DE MOTEUR D'AVION COMPORTANT AU MOINS DEUX FIXATIONS DE MOTEUR ARRIERE DECALEES ENTRE ELLES**
[72] PAUTIS, OLIVIER, FR
[72] BROCHARD, WOLFGANG, FR
[71] AIRBUS OPERATIONS (SAS), FR
[22] 2016-09-27
[41] 2017-04-05
[30] FR (15 59 474) 2015-10-05

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[13] A1
[51] **Int.Cl. F21K 9/60 (2016.01) F21K 9/68 (2016.01) F21K 9/69 (2016.01) F21S 8/00 (2006.01) F21V 13/04 (2006.01) F21V 17/12 (2006.01) H01Q 1/06 (2006.01)**
[25] EN
[54] **LIGHT INDICATOR**
[54] **INDICATEUR LUMINEUX**
[72] DI GIOVINE, ALFONSO, IT
[72] DI GIOVINE, MARIA CRISTINA, IT
[71] C & E S.R.L., IT
[22] 2016-09-29
[41] 2017-04-05
[30] IT (202015000058322) 2015-10-05

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[13] A1
[51] **Int.Cl. E01H 1/00 (2006.01) E01H 15/00 (2006.01)**
[25] EN
[54] **COLD AIR BLOWER WITH SELF-SUPPORTED BOOM**
[54] **SOUFFLERIE A AIR FROID DOTEE D'UN BRAS AUTOPORTANT**
[72] BAEZ, HECTOR E., US
[72] PELISHEK, NEIL L., US
[72] HEINZ, JOSHUA M., US
[71] WAUSAU EQUIPMENT COMPANY, INC., US
[22] 2016-09-29
[41] 2017-04-02
[30] US (62/236,500) 2015-10-02

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[21] **2,943,873**
[13] A1
[51] **Int.Cl. C07C 51/16 (2006.01) C10L 3/00 (2006.01)**
[25] EN
[54] **PRODUCTION OF ACRYLIC ACID AND ETHANOL FROM CARBONACEOUS MATERIALS**
[54] **PRODUCTION D'ACRYLIQUE ET D'ETHANOL A PARTIR DE MATERIAUX CARBONES**
[72] MARIE-ROSE, STEPHANE, CA
[72] CHORNET, ESTEBAN, CA
[71] ENERKEM, INC., CA
[22] 2016-10-03
[41] 2017-04-05
[30] US (14/875,086) 2015-10-05

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[13] A1
[51] **Int.Cl. F16K 11/22 (2006.01)**
[25] EN
[54] **MONOFLANGE VALVE**
[54] **VALVE A BRIDE UNIQUE**
[72] CHENG, MIKE KONG, US
[72] SUN, XIAOPENG, CA
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2016-09-30
[41] 2017-04-06
[30] US (62/237,902) 2015-10-06

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[21] **2,943,916**
[13] A1
[51] **Int.Cl. A01M 21/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR REMOVING WEEDS, AND ASSOCIATED AGRICULTURAL MACHINE**
[54] **APPAREIL D'ENLEVEMENT DES MAUVAISES HERBES ET MACHINE AGRICOLE ASSOCIEE**
[72] BADALINI, GIORGIO, IT
[71] BADALINI SRL, IT
[22] 2016-09-29
[41] 2017-04-08
[30] EP (15 425 082.3) 2015-10-08

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[13] A1
[51] **Int.Cl. B64F 1/10 (2006.01) B64C 99/00 (2010.01) B64C 39/02 (2006.01) B64F 1/04 (2006.01)**
[25] EN
[54] **AERIAL LAUNCH AND/OR RECOVERY FOR UNMANNNED AIRCRAFT, AND ASSOCIATED SYSTEMS AND METHODS**
[54] **LANCEMENT ET RECUPERATION AERIENS D'UN AERONEF SANS PILOTE, ET SYSTEMES ET METHODES ASSOCIES**
[72] HAYES, ANDREW, US
[72] GOODRICH, WAYNE, US
[72] MCGREW, JAMES, US
[72] DAVIDSON, DARCY, US
[72] GUTHRIE, CHARLIE, US
[72] KUNZ, PETER, US
[72] RYSDYK, ROLF, US
[72] KNAPP, JEFFREY, US
[72] SCHRICK, BRADLEY, US
[71] INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY), US
[22] 2016-09-30
[41] 2017-04-02
[30] US (62/236824) 2015-10-02
[30] US (62/311773) 2016-03-22
[30] US (15/269597) 2016-09-19

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[13] A1
[51] **Int.Cl. B60R 16/037 (2006.01) A41D 13/005 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **APPAREL POWER SYSTEM AND METHOD OF USING THE SAME**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE DE VETEMENT ET METHODE D'UTILISATION ASSOCIEE**
[72] BESSETTE, ROBERT, CA
[72] HANDFIELD, ROBERT, CA
[71] KIMPEX INC., CA
[22] 2016-10-03
[41] 2017-04-02
[30] US (62/236,205) 2015-10-02

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[21] **2,943,983**
[13] A1
[51] **Int.Cl. E04C 1/00 (2006.01)**
[25] EN
[54] **CONCRETE UNIT AND METHODS**
[54] **MODULE DE BETON ET METHODES**
[72] FORBES, NICOLE RAE, US
[71] ANCHOR WALL SYSTEMS, INC., US
[22] 2016-09-30
[41] 2017-04-08
[30] US (14/878,695) 2015-10-08

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[13] A1
[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK UNIT FOR GROUND WORK VEHICLE**
[54] **MODULE DE CHENILLE POUR VEHICULE DE TRAVAIL DE LA TERRE**
[72] CANOSSA, RICCARDO, IT
[72] TRATTA, GIUSEPPE, IT
[71] CAMSO MANUFACTURING ITALY S.R.L., IT
[22] 2016-09-30
[41] 2017-04-02
[30] IT (102015000057497) 2015-10-02

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[13] A1
[51] **Int.Cl. G06N 3/063 (2006.01) H01L 29/06 (2006.01) H01L 29/12 (2006.01)**
[25] EN
[54] **SELF-ORGANIZED SOLID-STATE SYNTHETIC NEURONAL STRUCTURE**
[54] **STRUCTURE NEURONALE SYNTHETIQUE A SEMI-CONDUCTEURS AUTO-ORGANISEE**
[72] LEPAGE, DOMINIC, CA
[72] CHAKER, MOHAMED, CA
[71] INRS - CENTRE ENERGIE MATERIAUX TELECOMMUNICATIONS, CA
[22] 2016-09-30
[41] 2017-04-06
[30] US (62/237,633) 2015-10-06

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[13] A1
[51] **Int.Cl. F02K 1/48 (2006.01) F01D 25/30 (2006.01) F02K 1/46 (2006.01)**
[25] EN
[54] **INTEGRATED TURBINE EXHAUST CASE MIXER DESIGN**
[54] **MODELE DE MELANGEUR DE BUSE D'ECHAPPEMENT D'UNE TURBINE INTEGRE**
[72] TURCOTTE, HERVE, CA
[72] JIVAN, MIHAI, CA
[72] TROTTIER, DANIEL, CA
[72] SUMMERS-LEPINE, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-09-30
[41] 2017-04-08
[30] US (62/238,898) 2015-10-08

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[21] **2,944,079**
[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01) A01D 41/12 (2006.01)**
[25] EN
[54] **HEADER WITH ADJUSTABLE LATERAL FRAME RELIEF**
[54] **TETE DE COUPE A DEGAGEMENT DE CADRE LATERAL AJUSTABLE**
[72] SUDHUES, STEFFEN, DE
[72] SCHULZE RUCKAMP, JAN BERND, DE
[72] AMELINGMEYER, JENS, DE
[72] SCHULZE SELTING, STEPHAN, DE
[71] CARL GERINGHOFF GMBH & CO. KG, DE
[22] 2016-10-04
[41] 2017-04-05
[30] DE (10 2015 116 892.8) 2015-10-05

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[13] A1
[51] **Int.Cl. B25F 1/04 (2006.01) B25B 15/04 (2006.01) B25F 1/02 (2006.01)**
[25] EN
[54] **MULTI-IMPLEMENT TOOL**
[54] **OUTIL MULTIACCESSOIRE**
[72] UNKNOWN, ZZ
[71] GRAND, GERARD, CA
[22] 2016-10-04
[41] 2017-04-04
[30] US (62/236,935) 2015-10-04
[30] US (62/293,833) 2016-02-11

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[21] **2,944,093**
[13] A1
[51] **Int.Cl. A45D 40/24 (2006.01) A45D 40/22 (2006.01)**
[25] EN
[54] **MINIATURE COSMETIC CASE**
[54] **BOITIER A COSMETIQUE MINIATURE**
[72] GAJJAR, REENA, US
[71] GAJJAR, REENA, US
[22] 2016-10-04
[41] 2017-04-06
[30] US (62/237,684) 2015-10-06
[30] US (15/277,003) 2016-09-27

[21] **2,944,110**
[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01) A01D 34/13 (2006.01) A01D 34/30 (2006.01) A01D 69/06 (2006.01)**
[25] EN
[54] **CUTTER DRIVE FOR HEADER FOR ATTACHMENT TO HARVESTERS**
[54] **ENTRAINEMENT D'ORGANE DE COUPE DESTINE A UNE TETE DE COUPE D'ACCESSOIRE FIXE AUX MOISSONNEUSES-BATTEUSES**
[72] WEBERMANN, DIRK, DE
[72] SCHULZE SELTING, STEPHAN, DE
[72] POKRIEFKE, MICHAEL, DE
[71] CARL GERINGHOFF GMBH & CO. KG, DE
[22] 2016-10-04
[41] 2017-04-05
[30] DE (10 2015 116 890.1) 2015-10-05

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[21] **2,944,125**
[13] A1
[51] **Int.Cl. B65F 1/16 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **LID FOR A WASTE RECEPTACLE**
[54] **COUVERCLE DESTINE A UN CONTENANT A DECHETS**
[72] GOLLINUCCI, GIACOMO, IT
[71] GOLLINUCCI, GIACOMO, IT
[22] 2016-10-04
[41] 2017-04-05
[30] IT (102015000058273) 2015-10-05

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[13] A1
[51] **Int.Cl. H02G 1/08 (2006.01) H02H 5/00 (2006.01)**
[25] EN
[54] **SAFETY SWITCH SYSTEM**
[54] **MECANISME D'INTERRUPTEUR DE SECURITE**
[72] BARDIN, TIMMOTHY, US
[72] CALDWELL, THOMAS J., US
[71] SOUTHWIRE COMPANY, LLC, US
[22] 2016-10-03
[41] 2017-04-02
[30] US (62/236,262) 2015-10-02

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[13] A1
[51] **Int.Cl. B21D 7/00 (2006.01) B21D 7/16 (2006.01)**
[25] EN
[54] **BENDER CART**
[54] **CHARIOT DE CINTREUSE**
[72] MCNURLIN, RANDY, US
[72] BARDIN, TIMMOTHY, US
[71] SOUTHWIRE COMPANY, LLC, US
[22] 2016-10-03
[41] 2017-04-02
[30] US (62/236,669) 2015-10-02

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[13] A1
[51] **Int.Cl. A45F 5/10 (2006.01) B25G 3/24 (2006.01) B25G 3/38 (2006.01)**
[25] EN
[54] **ROTATABLE HANDLE ATTACHABLE TO AN OBJECT HAVING A LONGITUDINAL EXTENT**
[54] **POIGNEE PIVOTANTE FIXABLE A UN OBJET COMPORTANT UNE RALLONGE LONGITUDINALE**
[72] DAY, NATHANIEL R., US
[71] DAY, NATHANIEL R., US
[22] 2016-10-04
[41] 2017-04-08
[30] US (14/878154) 2015-10-08

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[13] A1
[51] **Int.Cl. A01D 57/20 (2006.01) A01D 41/14 (2006.01) A01D 45/30 (2006.01)**
[25] EN
[54] **CUTTING MECHANISM WITH MIDDLE BELT AND ADDITIONAL GRAIN LOSS PREVENTION MEANS**
[54] **MECANISME DE COUPE DOTE D'UNE COURROIE CENTRALE ET D'UN MECANISME EMPECHANT LA PERTE SUPPLEMENTAIRE DE GRAINS**
[72] WEBERMANN, DIRK, DE
[72] SCHULZE SELTING, STEPHAN, DE
[72] POKRIEFKE, MICHAEL, DE
[71] CARL GERINGHOFF GMBH & CO. KG, DE
[22] 2016-10-05
[41] 2017-04-06
[30] DE (10 2015 116 951.7) 2015-10-06
[30] DE (10 2015 117 787.0) 2015-10-19

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[13] A1
[51] **Int.Cl. A61B 90/00 (2016.01) A61B 6/12 (2006.01)**
[25] EN
[54] **ENDOSCOPIC ULTRASOUND FINE NEEDLE FIDUCIAL SYSTEM**
[54] **DISPOSITIF DE REPERAGE DE CADRE D'AIGUILLE FINE ULTRASONIQUE ENDOSCOPIQUE**
[72] CAMPBELL, EUGENE, US
[72] MCWEENEY, JOHN O., US
[72] TINKHAM, BRIAN, US
[72] TULLY, STEPHEN J., US
[71] COVIDIEN LP, US
[22] 2016-10-05
[41] 2017-04-07
[30] US (62/238,242) 2015-10-07
[30] US (15/284,683) 2016-10-04

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[13] A1
[51] **Int.Cl. C10M 163/00 (2006.01) C10M 133/06 (2006.01) C10M 133/16 (2006.01) C10M 133/44 (2006.01) C10M 159/20 (2006.01)**
[25] EN
[54] **ADDITIVE CONCENTRATES FOR THE FORMULATION OF LUBRICATING OIL COMPOSITIONS**
[54] **CONCENTRES ADDITIFS DESTINES A LA FORMULATION DE COMPOSITIONS D'HUILES LUBRIFIANTES**
[72] CLARKE, DEAN B., US
[72] OBEROI, SONIA, US
[72] EMERT, JACOB, US
[72] YOUNG, ANNE W., US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2016-10-05
[41] 2017-04-05
[30] US (14/874,688) 2015-10-05

[21] **2,944,266**
[13] A1
[51] **Int.Cl. E04F 21/06 (2006.01)**
[25] EN
[54] **LOOSEFILL INSULATION BLOWING MACHINE WITH A DISTRIBUTION AIRSTREAM HAVING A VARIABLE FLOW RATE**
[54] **MACHINE DE SOUFFLAGE D'ISOLANT EN VRAC DOTEE D'UN FLUX D'AIR DE DISTRIBUTION A DEBIT VARIABLE**
[72] COOK, DAVID M., US
[72] ROBINSON, BRANDON, US
[72] RELYEA, CHRISTOPHER, US
[72] RINNE, JAMES W., US
[72] CAREY, BRENT J., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2016-10-05
[41] 2017-04-08
[30] US (14/878,233) 2015-10-08

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[13] A1
[51] **Int.Cl. E21B 33/124 (2006.01) E21B 33/04 (2006.01) E21B 33/12 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **TUBULAR AIRLOCK ASSEMBLY**
[54] **ASSEMBLAGE DE SAS TUBULAIRE**
[72] RAVENSBERGEN, JOHN, CA
[72] MONTERO, JUAN, CA
[71] NCS MULTISTAGE, LLC, CA
[22] 2016-10-05
[41] 2017-04-06
[30] US (62/238,001) 2015-10-06

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[21] **2,944,299**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 50/12 (2012.01)**
[25] EN
[54] **INSTRUCTION SYSTEM FOR PREPARING AN ORDER**
[54] **SYSTEME DE DIRECTIVES DESTINE A LA PREPARATION D'UNE COMMANDE**
[72] BURT, JIM HAL, US
[72] YILDIRIM, ERDAL, US
[72] CAN, CEM, US
[71] KITCHEN VIDEO TECHNOLOGY, LLC, US
[22] 2016-10-04
[41] 2017-04-05
[30] US (14/875,350) 2015-10-05

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[21] **2,944,303**
[13] A1
[51] **Int.Cl. F16C 33/60 (2006.01) F16C 43/04 (2006.01)**
[25] EN
[54] **SPLIT BEARING CARTRIDGE ASSEMBLY AND SPLIT HOUSED BEARING ASSEMBLY**
[54] **ENSEMBLE DE CARTOUCHE DE PALIER DIVISE ET ENSEMBLE DE PALIER LOGE DE MANIERE DIVISEE**
[72] HADDEN, IAN G., US
[71] CRAFT BEARING COMPANY INC., US
[22] 2016-10-05
[41] 2017-04-05
[30] US (62/237,207) 2015-10-05

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[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) E04G 1/18 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **CAGE ASSEMBLY FOR USE WITH PIVOTAL GANGWAY**
[54] **ASSEMBLAGE DE CAGE DESTINE A UNE PASSERELLE PIVOTANTE**
[72] HARMON, CHARLES FREDERICK, US
[71] SAFE RACK LLC, US
[22] 2016-10-05
[41] 2017-04-07
[30] US (62/238,296) 2015-10-07

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[13] A1
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 33/124 (2006.01)**
[25] EN
[54] **RETRIEVABLE PLUGGING TOOL FOR TUBING**
[54] **OUTIL DE BOUCHAGE RETIRABLE DESTINE AU TUBAGE**
[72] WATERHOUSE, FRANCIS, CA
[72] HILHORST, BRIAN, CA
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2016-10-05
[41] 2017-04-08
[30] US (62/238,841) 2015-10-08

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/20 (2006.01) G06K 9/46 (2006.01) G06K 9/62 (2006.01) G06T 3/00 (2006.01) G06T 5/00 (2006.01)**
[25] FR
[54] **ANALYSIS PROCESS OF THE CONTENTS OF AT LEAST ONE IMAGE OF A DEFORMED STRUCTURED DOCUMENT**
[54] **PROCEDE D'ANALYSE D'UN CONTENU D'AU MOINS UNE IMAGE D'UN DOCUMENT STRUCTURE DEFORME**
[72] DURA, JEREMY NICOLAS LAURENT, FR
[72] ROSTAING, LAURENT PATRICE, FR
[72] ROUH, ALAIN, FR
[71] SAFRAN IDENTITY & SECURITY, FR
[22] 2016-10-04
[41] 2017-04-05
[30] FR (15/59476) 2015-10-05

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[13] A1
[51] **Int.Cl. G08B 29/00 (2006.01) H04W 84/10 (2009.01) H04B 17/336 (2015.01) G08B 13/00 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SMART INTRUSION CONTROL USING WEARABLE AND BLE DEVICES**
[54] **SYSTEME ET METHODE DE CONTROLE D'INTRUSION INTELLIGENT AU MOYEN DE DISPOSITIFS PORTABLES ET BLUETOOTH**
[72] M., SATHEESH BABU, US
[72] VEDIAPPAN, DHARMALINGAM, US
[72] KRISHNAN, VISWANATHAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-10-04
[41] 2017-0' -06
[30] US (14/875,854) 2015-10-06

[21] **2,944,505**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VEHICLE SALES MANAGEMENT**
[54] **SYSTEME ET METHODE DE GESTION DE VENTES DE VEHICULE**
[72] BROCKMAN, ROBERT, US
[72] HAIDER, SIDNEY, US
[71] THE REYNOLDS AND REYNOLDS COMPANY, US
[22] 2016-10-06
[41] 2017-04-06
[30] US (62/237,936) 2015-10-06

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[13] A1
[51] **Int.Cl. A61C 7/14 (2006.01)**
[25] EN
[54] **SELF-LIGATING BRACKET SYSTEM WITH PASSIVE OR INTERACTIVE CLIP**
[54] **SYSTEME DE SUPPORT AUTOLIGATURANT A PINCE PASSIVE OU INTERACTIVE**
[72] LOPES, ALEXANDRE GALLO, BR
[71] LOPES, ALEXANDRE GALLO, BR
[22] 2016-10-07
[41] 2017-04-08
[30] US (62/239,114) 2015-10-08

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[13] A1
[51] **Int.Cl. H04R 1/22 (2006.01) A47G 1/02 (2006.01) F21V 33/00 (2006.01) H04B 1/06 (2006.01) H04R 5/02 (2006.01)**
[25] EN
[54] **LIGHTED MIRROR WITH SOUND SYSTEM**
[54] **MIROIR ILLUMINE EQUIPE D'UN SYSTEME AUDIO**
[72] BRANHAM, TONY J., US
[72] XIAO, DAVID, CN
[71] BRANHAM, TONY J., US
[71] XIAO, DAVID, CN
[22] 2016-10-07
[41] 2017-04-07
[30] US (62/238,584) 2015-10-07

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[13] A1
[51] **Int.Cl. H04N 21/433 (2011.01) H04N 21/431 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING BOOKMARKING DATA**
[54] **SYSTEMES ET METHODES PERMETTANT DE FOURNIR DES DONNEES DE SIGNET**
[72] SADLER, ROBERT LEE, US
[72] LOBO, NEREUS OSRIE EDWIN, US
[72] SHAH, YASH SURESH, US
[72] GEORGES, YOHANN ANDRE FRANCOIS, US
[71] DISH NETWORK L.L.C., US
[22] 2016-10-05
[41] 2017-04-05
[30] US (14/875,558) 2015-10-05

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[13] A1
[51] **Int.Cl. A01G 9/00 (2006.01) A01G 9/20 (2006.01)**
[25] EN
[54] **PLANT GROWING APPARATUS**
[54] **DISPOSITIF DE CROISSANCE DE PLANTES**
[72] PAQUETTE, CARL, CA
[71] PAQUETTE, CARL, CA
[22] 2016-10-05
[41] 2017-04-05
[30] US (62/237,175) 2015-10-05

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[13] A1
[51] **Int.Cl. G01V 3/26 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING DISTANT GEOPHYSICAL SURVEY**
[54] **SYSTEME ET METHODE DE REALISATION D'UN LEVE GEOPHYSIQUE A DISTANCE**
[72] EISKAMP, GEORGE, US
[71] GROUNDMETRICS, INC., US
[22] 2016-10-06
[41] 2017-04-06
[30] US (62/237,832) 2015-10-06
[30] US (62/244,403) 2015-10-21

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[13] A1
[51] **Int.Cl. B66F 3/00 (2006.01)**
[25] EN
[54] **OPEN WHEEL VEHICLE SPEED JACK**
[54] **VERIN A DEPLOIEMENT RAPIDE DESTINE A UN VEHICULE A ROUE OUVERTE**
[72] WALKER, WILLIAM R., US
[71] WALKER, WILLIAM R., US
[22] 2016-10-06
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[51] **Int.Cl. G06F 19/00 (2011.01) G06T 19/00 (2011.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD FOR ADDING ACCESSORIES TO VEHICLES**
[54] **METHODE D'AJOUT D'ACCESSOIRES A DES VEHICULES**
[72] BROCKMAN, ROBERT, US
[72] HAIDER, SIDNEY, US
[71] THE REYNOLDS AND REYNOLDS COMPANY, US
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[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 40/02 (2012.01)**
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[54] **SYSTEM AND METHOD FOR ONLINE VEHICLE SALES**
[54] **SYSTEME ET METHODE DE VENTES DE VEHICULES EN LIGNE**
[72] BROCKMAN, ROBERT, US
[71] THE REYNOLDS AND REYNOLDS COMPANY, US
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[41] 2017-04-06
[30] US (62/237,949) 2015-10-06
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[54] **LUBRICATING OIL COMPOSITION**
[54] **COMPOSITION D'HUILE LUBRIFIANTE**
[72] CANT, ALASTAIR ALEXANDER, GB
[72] MARSH, ADAM PAUL, GB
[72] SHAW, ROBERT WILLIAM, GB
[72] WILKINSON, THOMAS DANIEL, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2016-10-07
[41] 2017-04-08
[30] EP (15188998.7) 2015-10-08

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[51] **Int.Cl. A63J 1/00 (2006.01)**
[25] EN
[54] **ARBOR TRAP APPARATUS FOR COUNTERWEIGHT RIGGING SYSTEM**
[54] **APPAREIL DE LONGERON DESTINE A UN MECANISME D'APPAREIL DE FORAGE A CONTREPOIDS**
[72] BOYCHUK, RICHARD WILLIAM, CA
[72] NIX, RICHARD JOSEPH, US
[71] GRID WELL INC., CA
[22] 2016-10-07
[41] 2017-04-07
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[51] **Int.Cl. H02K 7/06 (2006.01) A01B 69/04 (2006.01) B62D 5/04 (2006.01)**
[25] EN
[54] **ELECTRIC ACTUATOR**
[54] **ACTIONNEUR ELECTRIQUE**
[72] AUBIN-MARCHAND, JEREMIE, CA
[71] SOUCY INTERNATIONAL INC., CA
[22] 2016-10-11
[41] 2017-04-08
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[13] A1
[51] **Int.Cl. A43C 13/14 (2006.01) A43B 23/08 (2006.01)**
[25] EN
[54] **SAFETY FOOTWEAR**
[54] **CHAUSSURE DE SECURITE**
[72] LACROIX, FRANCIS, CA
[72] LA ROCHELLE, SIMON, CA
[71] L.P. ROYER INC., CA
[22] 2016-10-06
[41] 2017-04-06
[30] US (62/237,704) 2015-10-06

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[51] **Int.Cl. B60S 5/02 (2006.01) B67D 7/00 (2010.01)**
[25] EN
[54] **METHOD, APPARATUS, AND SYSTEM FOR REFUELING HYDROGEN VEHICLES**
[54] **METHODE, APPAREIL ET SYSTEME DE REMPLISSAGE DE VEHICULES A HYDROGENE**
[72] LOMAX, FRANKLIN D., US
[72] DAWSON, PAUL A., US
[72] LEMOS, RAFAEL S., US
[72] HOUNG, DAVID, US
[71] ONEH2, INC., US
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[41] 2017-04-08
[30] US (62/238,785) 2015-10-08
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[51] **Int.Cl. F16L 25/00 (2006.01) F16L 41/00 (2006.01)**
[25] EN
[54] **SUPPLY MANIFOLD WITH ROTATABLE SLIDER**
[54] **COLLECTEUR D'ALIMENTATION DOTE D'UNE GLISSIERE PIVOTANTE**
[72] MACDUFF, MALCOLM, CA
[72] MACDUFF, JAMES, CA
[71] MACDUFF, MALCOLM, CA
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[51] **Int.Cl. B23B 5/36 (2006.01)**
[25] EN
[54] **CUTTING METHOD FOR INNER CIRCUMFERENTIAL FACE OR OUTER CIRCUMFERENTIAL FACE OF WORK**
[54] **METHODE DE COUPE DESTINEE A LA FACE PERIPHERIQUE INTERNE OU LA FACE PERIPHERIQUE EXTERNE DE TRAVAIL**
[72] AMAYA, KOUICHI, JP
[72] KATO, TOSHIHIKO, JP
[72] TAKEZAWA, YASUNORI, JP
[72] IGARASHI, TETSUYA, JP
[72] OHASHI, SHUICHI, JP
[71] MATSUURA MACHINERY CORPORATION, JP
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[30] JP (2016-079952) 2016-04-13

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[25] EN
[54] **IMPROVED STRUCTURES AND PREPARATION METHODS FOR CATALYST COATED MEMBRANES FOR FUEL CELLS**
[54] **STRUCTURES AMELIOREES ET METHODES DE PREPARATION DE MEMBRANES REVETUES D'UN CATALYSEUR DESTINEES A DES PILES A COMBUSTIBLE**
[72] ZOU, YUQUAN, CA
[72] YANG, YUNSONG, CA
[72] THOMAS, OWEN, CA
[72] WANG, KEPING, CA
[72] LI, JING, CA
[72] CHUY, CARMEN, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
[22] 2016-12-20
[41] 2017-04-06

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[51] **Int.Cl. A01D 34/64 (2006.01) A01D 34/835 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR CLEARING GROUND BRUSH AND DEBRIS AT REMOTE TARGET AREAS**
[54] **APPAREILS ET METHODES DE NETTOYAGE DE BRANCHES ET DEBRIS AU SOL DANS LES ZONES CIBLES ELOIGNEES**
[72] LLOYD, FRANCO, CA
[71] LLOYD, FRANCO, CA
[22] 2017-01-10
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[51] **Int.Cl. A47B 61/04 (2006.01) A47G 25/00 (2006.01) A47L 23/22 (2006.01)**
[25] EN
[54] **SHELF AND FOOTWEAR RACK FOR EVACUATING WATER FROM WET FOOTWEAR**
[54] **ETAGERE ET SUPPORT A CHAUSSURES SERVANT A EVACUER L'EAU DES CHAUSSURES MOUILLEES**
[72] LASSONDE, SEBASTIEN, CA
[71] LASSONDE, SEBASTIEN, CA
[22] 2017-01-24
[41] 2017-04-06

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[51] **Int.Cl. H01R 13/53 (2006.01) H01R 13/20 (2006.01) H01R 13/533 (2006.01) H01R 13/703 (2006.01) H01R 13/713 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTORS FOR ZONE 2 HAZARDOUS LOCATIONS**
[54] **RACCORDS ELECTRIQUES DESTINES A DES EMPLACEMENTS DANGEREUX DE ZONE 2**
[72] BULMER, JAMES H., ZZ
[71] BULMER, JAMES H., CA
[22] 2017-01-25
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[51] **Int.Cl. H01C 7/108 (2006.01) H01M 8/241 (2016.01) H01M 8/2465 (2016.01) B60L 3/00 (2006.01) H01M 2/34 (2006.01)**
[25] EN
[54] **VARISTORS FOR VOLTAGE REVERSAL TOLERANCE IN FUEL CELL STACKS**
[54] **VARISTORS ASSURANT LA TOLERANCE EN TENSION EN SENS INVERSE DANS UN EMPILEMENT DE PILES A COMBUSTIBLE**
[72] HAAS, HERWIG, CA
[72] ESTERER, ROBERT, CA
[72] BERRETTA, FRANCINE, CA
[72] CIMENTI, MAX, CA
[72] KUNDU, SUMIT, CA
[72] RONASI, SIMA, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
[22] 2017-02-02
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[30] US (62/323,651) 2016-04-16

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[25] EN
[54] **FLOATING STRUCTURE SYSTEM FOR DOCK INSTALLATION AND METHOD**
[54] **SYSTEME DE STRUCTURE FLOTTANTE DESTINE A L'INSTALLATION D'UN QUAI ET METHODE**
[72] DESPRES, JEAN, CA
[71] FABRICATIONS TJD INC., CA
[22] 2017-02-06
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[25] EN
[54] **MOBILE POWER POLE APPARATUS FOR PROVIDING METERED ELECTRICAL POWER AND SECURITY MEASURES TO AN UNSERVICED CONSTRUCTION**
[54] **APPAREILLAGE DE BORNE D'ALIMENTATION SERVANT A FOURNIR UNE ALIMENTATION ELECTRIQUE DOSEE ET MESURES DE SECURITE DESTINEES A UNE CONSTRUCTION NON DESSERVIE**
[72] TAYLOR, BRETT, CA
[71] TAYLOR, BRETT, CA
[22] 2017-02-13
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[25] EN
[54] **A REEL PIPE MOTOR AND A ROLLING CURTAIN POSITIONING CONTROL SYSTEM**
[54] **UN MOTEUR DE DEVIDOIR DE TUYAU ET UN MECANISME DE COMMANDE DE POSITIONNEMENT DE RIDEAU ENROULEUR**
[72] LU, XIANFENG, CN
[72] CHEN, JIANGUO, CN
[72] HU, MENGXU, CN
[71] NINGBO XIANFENG NEW MATERIAL CO., LTD., CN
[85] 2016-01-14
[86] 2015-10-27 (PCT/CN2015/092892)
[87] (2917665)
[30] CN (201510314151.9) 2015-06-09
[30] CN (201520615588.1) 2015-08-14
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[51] **Int.Cl. E21B 19/15 (2006.01) E21B 19/14 (2006.01)**
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[54] **DRILL ROD HANDLER**
[54] **DISPOSITIF DE MANIPULATION DE TIGES DE FORAGE**
[72] POVER, SCOTT, AU
[71] ORMARC ENGINEERING PTY LTD, AU
[85] 2016-10-13
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[87] (WO2015/157815)
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[25] EN
[54] **PROCESSES USING MOLECULAR SIEVE SSZ-98**
[54] **PROCEDES UTILISANT UN TAMIS MOLECULAIRE SSZ-98**
[72] XIE, DAN, US
[72] ZONES, STACEY IAN, US
[72] LEW, CHRISTOPHER MICHAEL, US
[72] DAVIS, TRACY MARGARET, US
[71] CHEVRON U.S.A. INC., US
[85] 2016-11-21
[86] 2015-03-24 (PCT/US2015/022185)
[87] (WO2016/003504)
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[51] **Int.Cl. A62C 2/06 (2006.01) F16L 5/04 (2006.01) F16L 55/10 (2006.01) H02G 3/04 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **FIRE PROTECTION STRIP**
[54] **BANDE PARE-FEU**
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2016-11-24
[86] 2015-06-30 (PCT/EP2015/064806)
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[30] EP (14174878.0) 2014-06-30

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[25] EN
[54] **ROR1 (NTRKR1) SPECIFIC CHIMERIC ANTIGEN RECEPTORS FOR CANCER IMMUNOTHERAPY**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES SPECIFIQUES DE ROR1 (NTRKR1), UTILES DANS L'IMMUNOTHERAPIE ANTICANCEREUSE**
[72] SCHIFFER-MANNIOUI, CECILE, FR
[71] CELLECTIS, FR
[85] 2016-11-25
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[87] (WO2016/016344)
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[51] **Int.Cl. C07C 17/20 (2006.01) B01J 38/00 (2006.01)**
[25] FR
[54] **PROCESS FOR MANUFACTURING TETRAFLUOROPROPENE**
[54] **PROCEDE DE FABRICATION DE TETRAFLUOROPROPENE**
[72] PIGAMO, ANNE, FR
[72] WENDLINGER, LAURENT, FR
[72] DEUR-BERT, DOMINIQUE, FR
[71] ARKEMA FRANCE, FR
[85] 2016-12-01
[86] 2015-06-22 (PCT/FR2015/051653)
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[13] A1
[51] **Int.Cl. C07C 281/18 (2006.01) A61K 31/155 (2006.01) C07C 317/28 (2006.01) C07D 213/61 (2006.01) C07D 295/088 (2006.01)**
[25] EN
[54] **O-ALKYL-BENZYLIDENEGUANIDINE DERIVATIVES AND THERAPEUTIC USE FOR THE TREATMENT OF DISORDERS ASSOCIATED AN ACCUMULATION OF MISFOLDED PROTEINS**
[54] **DERIVES D'O-ALKYL-BENZYLIDENEGUANIDINE ET LEUR UTILISATION THERAPEUTIQUE POUR LE TRAITEMENT DE TROUBLES ASSOCIES A UNE ACCUMULATION DE PROTEINES MAL REPLIEES**
[72] GUEDAT, PHILIPPE, FR
[71] INFLECTIS BIOSCIENCE, FR
[85] 2016-12-05
[86] 2015-07-02 (PCT/EP2015/065162)
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[51] **Int.Cl. C12M 1/36 (2006.01) C12M 1/00 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **MULTIPLE IDENTIFICATION POINT AUTOMATED PARAMETER ASSURANCE METHOD**
[54] **PROCEDE D'ASSURANCE DE PARAMETRES AUTOMATISE AUX POINTS D'IDENTIFICATION MULTIPLES**
[72] PIGHIN, DEAN JAMES, US
[72] BERGS, RICHARD KERMIT, US
[72] BEERS, DONALD ROBERT, US
[72] D'ANTONIO, PETER ANTHONY, JR., US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2016-12-06
[86] 2015-06-23 (PCT/US2015/037103)
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[25] EN
[54] **PRODUCTION OF SACK PAPER**
[54] **PRODUCTION DE PAPIER A SACS**
[72] ALMKVIST, JONAS, SE
[72] LINDSTROM, OVE, SE
[72] XENOPOULOS, CONSTANTINOS, FR
[71] BILLERUDKORSNAS AB, SE
[85] 2016-12-08
[86] 2015-06-24 (PCT/EP2015/064210)
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[30] EP (14175729.4) 2014-07-04

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[25] EN
[54] **COATED SACK PAPER**
[54] **PAPIER DE SAC REVETU**
[72] ALMKVIST, JONAS, SE
[72] LINDSTROM, OVE, SE
[72] XENOPOULOS, CONSTANTINOS, FR
[71] BILLERUDKORSNAS AB, SE
[85] 2016-12-08
[86] 2015-06-24 (PCT/EP2015/064212)
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[30] EP (14175736.9) 2014-07-04

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[51] **Int.Cl. A61K 39/21 (2006.01) A61P 31/18 (2006.01) A61P 37/04 (2006.01) C07K 14/16 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING AND/OR DELAYING PATHOLOGICAL EFFECTS OF HUMAN IMMUNODEFICIENCY VIRUS I (HIV) OR FOR REDUCING THE RISK OF DEVELOPING ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS)**
[54] **PROCEDE PERMETTANT DE REDUIRE ET/OU DE RETARDER LES EFFETS PATHOLOGIQUES DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE I (VIH) OU DE REDUIRE LE RISQUE DE DEVELOPPER LE SYNDROME D'IMMUNODEFICIENCE ACQUISE (SIDA)**
[72] LUNDEMOSE, ANKER, NO
[72] OKVIST, MATS, NO
[72] HOVDEN, ARNT OVE, NO
[72] GRONVOLD, MAJA SOMMERFELT, NO
[71] BIONOR IMMUNO AS, NO
[85] 2016-12-08
[86] 2015-07-09 (PCT/EP2015/065726)
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[30] EP (14176741.8) 2014-07-11

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[51] **Int.Cl. C07C 29/14 (2006.01) C07C 27/04 (2006.01) C07C 31/20 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF ETHYLENE GLYCOL FROM SUGARS**
[54] **PROCEDE POUR LA PREPARATION D'ETHYLENE GLYCOL A PARTIR DE SUCRES**
[72] MARUP OSMUNDSEN, CHRISTIAN, DK
[72] TAARNING, ESBEN, DK
[72] HOLM, MARTIN SPANGSBERG, GB
[71] HALDOR TOPSOE A/S, DK
[85] 2016-12-09
[86] 2015-06-29 (PCT/EP2015/064693)
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[13] A1
[51] **Int.Cl. B01D 53/047 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING A GAS MIXTURE**
[54] **PROCEDE DE TRAITEMENT D'UN MELANGE DE GAZ**
[72] SADASIVAN VIJAYAKUMARI, SIVAKUMAR, US
[72] KOTAK, PARAG, NL
[72] JONCKERS, ARJAN ALLERT, NL
[72] SCHENCK, HUBERT WILLEM, NL
[72] DUNCAN, JULIE HELENE EMOND, NL
[72] FESTA PEREIRA RIBEIRO, EDUARDO JORGE, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[51] **Int.Cl. C07D 209/16 (2006.01) A61K 31/4045 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **NOVEL POLYMORPHIC FORM OF N-[2-(6-FLUORO-LH-INDOL-3-YL)ETHYL]-3-(2,2,3,3-TETRAFLUOROPROPOXY)BENZYLAMINE HYDROCHLORIDE FOR THE TREATMENT OF ALZHEIMER'S**
[54] **NOUVELLE FORME POLYMORPHE DE CHLORHYDRATE DE N-[2-(6-FLUORO-LH-INDOL-3-YL)ETHYL] -3-(2,2,3,3-TETRAFLUOROPROPOXY) BENZYLAMINE POUR LE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] ANDERSEN, KRISTINE BIRKLUND, DK
[72] ROCK, MICHAEL HAROLD, DK
[72] DE DIEGO, HEIDI LOPEZ, DK
[72] THERKELSEN, FRANS DENNIS, DK
[71] H. LUNDBECK A/S, DK
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[30] DK (PA 2014 00369) 2014-07-04

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[51] **Int.Cl. A61K 31/506 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **2-(2-METHYLAMINO-PYRIMIDIN-4-YL)-1H-INDOLE-5-CARBOXYLIC ACID [(S)-1-CARBAMOYL-2-(PHENYL-PYRIMIDIN-2-YL-AMINO)-ETHYL]-AMIDE FOR USE IN THE TREATMENT OF PAIN ASSOCIATED TO OSTEOARTHRITIS**
[54] **ACIDE 2-(2-METHYLAMINO-PYRIMIDIN-4-YL)-1 H-INDOLE-5-CARBOXYLIQUE [(S)-1-CARBAMOYL-2-(PHENYL-PYRIMIDIN-2-YL-AMINO)-ETHYL]-AMIDE UTILISABLE DANS LE TRAITEMENT DE LA DOULEUR ASSOCIEEA L'ARTHROSE**
[72] PAEHLER, TOBIAS, DE
[72] FLECHSENHAR, KLAUS, DE
[72] GROTHE, KIRSTEN, DE
[72] LUNNON, MARTIN, FR
[72] JAN, CHRISTELLE, FR
[71] SANOFI, FR
[85] 2016-12-12
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[54] **NOTCH PATHWAY INHIBITION**
[54] **INHIBITION DE LA VOIE DE SIGNALISATION NOTCH**
[72] DE SAUVAGE, FRED, US
[72] SIEBEL, CHRISTIAN, US
[72] BIEHS, BRIAN, US
[72] TIAN, HUA, US
[72] KLEIN, OPHIR, US
[71] GENENTECH, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2016-12-13
[86] 2015-07-09 (PCT/US2015/039790)
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[30] US (62/023,554) 2014-07-11
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF ETHYLENE GLYCOL FROM SUGARS**
[54] **PROCEDE POUR LA PREPARATION D'ETHYLENE GLYCOL A PARTIR DE SUCRES**
[72] HOLM, MARTIN SPANGSBERG, GB
[72] TAARNING, ESBEN, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2016-12-15
[86] 2015-06-29 (PCT/EP2015/064741)
[87] (WO2016/001169)
[30] EP (14174976.2) 2014-06-30
[30] EP (14174972.1) 2014-06-30

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[13] A1
[51] **Int.Cl. C07C 319/20 (2006.01) C07C 319/12 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING METHYL MERCAPTAN**
[54] **PROCEDE DE PREPARATION DE METHYLMERCAPTAN**
[72] FREMY, GEORGES, FR
[72] BARRE, PATRICE, FR
[72] RAYMOND, JEAN-MICHEL, FR
[71] ARKEMA FRANCE, FR
[85] 2016-12-16
[86] 2015-06-29 (PCT/FR2015/051759)
[87] (WO2016/001553)
[30] FR (1456439) 2014-07-04

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[51] **Int.Cl. C07C 319/24 (2006.01) C07C 319/02 (2006.01) C07C 319/12 (2006.01) C07C 319/20 (2006.01) C07C 321/04 (2006.01) C07C 321/14 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING DIMETHYL DISULPHIDE**
[54] **PROCEDE DE PREPARATION DE DISULFURE DE DIMETHYLE**
[72] FREMY, GEORGES, FR
[72] BARRE, PATRICE, FR
[72] RAYMOND, JEAN-MICHEL, FR
[71] ARKEMA FRANCE, FR
[85] 2016-12-16
[86] 2015-06-29 (PCT/FR2015/051761)
[87] (WO2016/001554)
[30] FR (1456440) 2014-07-04

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[25] EN
[54] **USE OF CANNABIDIOL IN THE TREATMENT OF EPILEPSY**
[54] **UTILISATION DE CANNABIDIOL DANS LE TRAITEMENT DE L'EPILEPSIE**
[72] GUY, GEOFFREY, GB
[72] WRIGHT, STEPHEN, GB
[72] MEAD, ALICE, GB
[72] CHEETHAM, EMMA, GB
[72] DEVINSKY, ORRIN, US
[72] SCHILLER, DOMINIC, GB
[71] GW PHARMA LIMITED, GB
[85] 2016-12-16
[86] 2015-06-17 (PCT/GB2015/051776)
[87] (WO2015/193668)
[30] GB (1410771.8) 2014-06-17

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[25] EN
[54] **COMPOUNDS, COMPOSITIONS AND METHODS OF INCREASING CFTR ACTIVITY**
[54] **COMPOSES, COMPOSITIONS ET PROCEDES POUR AUGMENTER L'ACTIVITE DU CFTR**
[72] BASTOS, CECILIA M., US
[72] TAIT, BRADLEY, US
[72] MUNOZ, BENITO, US
[71] PROTEOSTASIS THERAPEUTICS, INC., US
[85] 2016-12-16
[86] 2015-06-19 (PCT/US2015/036691)
[87] (WO2015/196071)
[30] US (62/014,400) 2014-06-19
[30] US (62/014,409) 2014-06-19
[30] US (62/096,389) 2014-12-23
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[25] EN
[54] **IMIDAZO[1,2-A]PYRAZIN-1YL-BENZAMIDE COMPOUNDS FOR TREATING SPINAL MUSCULAR ATROPHY**
[54] **COMPOSES IMIDAZO[1,2-A]PYRAZIN-1YL-BENZAMIDE POUR LE TRAITEMENT DE L'AMYOTROPHIE SPINALE**
[72] GREEN, LUKE, CH
[72] PINARD, EMMANUEL, FR
[72] RATNI, HASANE, FR
[72] WILLIAMSON, PATRICK, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-12-19
[86] 2015-06-22 (PCT/EP2015/063894)
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[30] EP (14173935.9) 2014-06-25

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[25] EN
[54] **PROCESS FOR THE PREPARATION OF SUBSTITUTED OXIRANES AND TRIAZOLES**
[54] **PROCEDE DE PREPARATION D'OXIRANES ET DE TRIAZOLES SUBSTITUES**
[72] GEBHARDT, JOACHIM, DE
[72] EHRESMANN, MANFRED, DE
[72] CHIODO, TIZIANA, DE
[72] VIERTELHAUS, MARTIN, DE
[72] GOETZ, ROLAND, DE
[71] BASF AGRO B.V., NL
[85] 2016-12-19
[86] 2015-06-26 (PCT/EP2015/064550)
[87] (WO2016/005211)
[30] EP (14176130.4) 2014-07-08

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[25] EN
[54] **ARYL RECEPTOR MODULATORS AND METHODS OF MAKING AND USING THE SAME**
[54] **MODULATEURS DES RECEPTEURS D'ARYLE, ET LEURS PROCEDES DE FABRICATION ET METHODES D'UTILISATION**
[72] VITI, FRANCESCA, CH
[72] BELLINVIA, SALVATORE, CH
[72] DEMARTIS, SALVATORE, IT
[71] NOGRA PHARMA LIMITED, IE
[85] 2016-12-19
[86] 2015-06-26 (PCT/EP2015/064613)
[87] (WO2015/197861)
[30] US (62/017,959) 2014-06-27
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[25] EN
[54] **COMPOSITION COMPRISING A COMBINATION OF DNA METHYLATION INHIBITOR AND A VITAMIN D RECEPTOR AGONIST FOR THE TREATMENT OF DRUG RESISTANT CANCER OR FOR THE PREVENTION OF TUMOR RELAPSE**
[54] **COMPOSITION ASSOCIANT UN INHIBITEUR DE LA METHYLATION DE L'ADN ET UN AGONISTE DU RECEPTEUR DE LA VITAMINE D'DESTINEE AU TRAITEMENT DE CANCERS CHIMIORESISTANTS OU A LA PREVENTION DE LA RECIDIVE TUMORALE**
[72] CRUZ-MOURA, IVAN, FR
[72] HERMINE, OLIVIER, FR
[72] PAUBELLE, ETIENNE, FR
[72] DUSSIOT, MICHAEL, FR
[72] TROVATI MACIEL, THIAGO, FR
[72] ZYLBERSZTEJN, FLORENCE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE PARIS DESCARTES, FR
[71] FONDATION IMAGINE, FR
[71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
[71] UNIVERSITE PARIS-SUD, FR
[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS (APHP), FR
[85] 2016-12-19
[86] 2015-06-19 (PCT/EP2015/063829)
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[25] EN
[54] **PROCESS FOR PREPARING A UREA-SULPHUR FERTILISER**
[54] **PROCEDE DE PREPARATION D'UN ENGRAIS A BASE D'UREE ET DE SOUFRE**
[72] ALLAIS, CYRILLE PAUL, NL
[72] HUTTER, KLAAS JAN, US
[72] TOMAZ, CARLOS, BR
[72] O'BRIEN, JASON TREVOR, AU
[72] GARCIA MARTINEZ, RAFAEL ALBERTO, CA
[72] INGOLDSBY, CHARLES JAMES, CA
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-12-19
[86] 2015-07-24 (PCT/EP2015/067073)
[87] (WO2016/016150)
[30] US (62/029,600) 2014-07-28

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[51] **Int.Cl. C07D 207/333 (2006.01) A61K 31/40 (2006.01) A61K 31/4025 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **USE OF A NOVEL 3-ARYL-4-CATECHOL-PYRROLE-N-PROPANOL COMPOUND AND THE DERIVATIVES THEREOF TO TREAT CANCER AND DISEASES RELATED TO EXCESSIVE ANGIOGENESIS**
[54] **UTILISATION D'UN NOUVEAU COMPOSE 3-ARYL-4-CATECHOL-PYRROLE-N-PROPANOL ET SES DERIVES POUR LE TRAITEMENT DU CANCER ET DES PATHOLOGIES ASSOCIEES A UNE ANGIOGENESE EXCESSIVE**
[72] COLLIN, PASCAL, FR
[72] DELPECH, BERNARD, FR
[72] BAKALA, JOANNA, FR
[72] IORGA, BOGDAN, FR
[72] FRAPART-JANNAUD, YVES-MICHEL, FR
[72] PEYROT, FABIENNE, FR
[72] PELISSIER, FRANCK, FR
[72] ACHAB, MARIA CONCEPTION, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[85] 2016-12-15
[86] 2015-06-17 (PCT/EP2015/063613)
[87] (WO2015/193382)
[30] FR (1455554) 2014-06-17

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[13] A1
[51] **Int.Cl. A61K 8/81 (2006.01) A61K 8/19 (2006.01) A61K 8/24 (2006.01) A61K 8/27 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL COMPOSITIONS CONTAINING METAL IONS**
[54] **COMPOSITIONS ORALES CONTENANT DES IONS METALLIQUES**
[72] VEMISHETTI, KAVITA, US
[72] FRUGE, LINH, US
[72] PRENCIPE, MICHAEL, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-12-19
[86] 2014-06-20 (PCT/US2014/043420)
[87] (WO2015/195139)

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4709 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING INFECTIONS**
[54] **METHODES DE TRAITEMENT D'INFECTIONS**
[72] HOPKINS, SCOTT J., US
[72] LONGCOR, JARROD, US
[72] LI, DANPING, US
[71] MELINTA THERAPEUTICS, INC., US
[85] 2016-12-19
[86] 2015-06-19 (PCT/US2015/036699)
[87] (WO2015/196076)
[30] US (62/014,790) 2014-06-20
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[51] **Int.Cl. A61K 31/05 (2006.01) A61K 31/19 (2006.01) A61K 31/36 (2006.01) A61K 31/428 (2006.01) A61K 31/444 (2006.01) A61K 31/515 (2006.01) A61K 31/551 (2006.01) A61K 31/661 (2006.01) A61K 31/7048 (2006.01) A61P 25/10 (2006.01)**
[25] EN
[54] **USE OF CANNABINOIDS IN THE TREATMENT OF EPILEPSY**
[54] **UTILISATION DE CANNABINOIDES DANS LE TRAITEMENT DE L'EPILEPSIE**
[72] GUY, GEOFFREY, GB
[72] WRIGHT, STEPHEN, GB
[72] MEAD, ALICE, GB
[72] JOSHI, CHARUTA, US
[72] WILFONG, ANGUS, US
[71] GW PHARMA LIMITED, GB
[85] 2016-12-19
[86] 2015-06-17 (PCT/GB2015/051775)
[87] (WO2015/193667)
[30] GB (1410771.8) 2014-06-17
[30] GB (1506550.1) 2015-04-17

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[13] A1
[51] **Int.Cl. G01N 33/543 (2006.01) G01N 33/537 (2006.01) G01N 33/564 (2006.01) G01N 33/574 (2006.01) G01N 33/58 (2006.01) G01N 15/10 (2006.01)**
[25] EN
[54] **COLLABORATIVE ENZYME ENHANCED REACTIVE (CEER) IMMUNOASSAY USING FLOW CYTOMETRY**
[54] **IMMUNODOSAGE REACTIF AMPLIFIE PAR ENZYME COLLABORATIVE (CEER) UTILISANT LA CYTOMETRIE EN FLUX**
[72] PALINI, ALESSIO, CH
[72] SEVERIN, INDIA C., CH
[71] NESTEC S.A., CH
[85] 2016-12-20
[86] 2015-06-17 (PCT/EP2015/063603)
[87] (WO2016/000966)
[30] EP (14175033.1) 2014-06-30

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[13] A1
[51] **Int.Cl. C07C 45/70 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARATION OF 4-ALKOXY-1,1,1-TRIFLUOROBUT-3-EN-2- ONES FROM 1,1,1-TRIFLUOROACETONE**
[54] **PROCEDE DE PREPARATION DE 4-ALCOXY-1,1,1-TRIFLUOROBUT-3-EN-2-ONES A PARTIR DE 1,1,1-TRIFLUOROACETONE**
[72] ZARAGOZA DOERWALD, FLORENCIO, CH
[72] TAESCHLER, CHRISTOPH, CH
[71] LONZA LTD, CH
[85] 2016-12-20
[86] 2015-06-24 (PCT/EP2015/064241)
[87] (WO2015/197682)
[30] EP (14174009.2) 2014-06-26
[30] US (62/017,385) 2014-06-26
[30] EP (14176705.3) 2014-07-11

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[51] **Int.Cl. A61K 35/747 (2015.01) A61K 35/745 (2015.01) A23L 27/30 (2016.01) A23L 33/00 (2016.01) A23L 33/125 (2016.01) A23L 33/135 (2016.01) A23L 33/15 (2016.01) A23C 9/152 (2006.01) A23L 2/39 (2006.01) A61K 31/047 (2006.01) A61P 3/00 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **MYO-INOSITOL AND ONE OR MORE PROBIOTIC AND USE THEREOF**
[54] **MYO-INOSITOL ET UN OU PLUSIEURS PROBIOTIQUES ET SON UTILISATION**
[72] SILVA ZOLEZZI, IRMA, CH
[72] MACE, CATHERINE, CH
[72] GODFREY, KEITH MALCOLM, GB
[72] BAKER, PHILIP NEWTON, NZ
[72] CHONG, YAP SENG, SG
[71] NESTEC S.A., CH
[85] 2016-12-20
[86] 2015-08-06 (PCT/EP2015/068196)
[87] (WO2016/020495)
[30] EP (14180399.9) 2014-08-08
[30] EP (14180403.9) 2014-08-08
[30] EP (15170915.1) 2015-06-05

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[13] A1
[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/44 (2006.01) A61Q 5/00 (2006.01) A61Q 7/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COMPOSITION SUITABLE TO PRESERVE THE PHYSIOLOGICAL CONDITION OF SKIN AND HAIR AND REESTABLISH THEIR REGENERATIVE FUNCTIONS**
[54] **COMPOSITION APPROPRIEE POUR PRESERVER L'ETAT PHYSIOLOGIQUE DE LA PEAU ET DES CHEVEUX ET RETABLIR LEURS FONCTIONS REGENERATIVES**
[72] GIULIANI, GIAMMARIA, IT
[72] BENEDUSI, ANNA, IT
[72] MARZANI, BARBARA, IT
[72] MASCOLO, ANTONIO, IT
[72] LIMITONE, ANTONIO, IT
[71] GIULIANI S.P.A., IT
[85] 2016-12-20
[86] 2015-06-25 (PCT/EP2015/064362)
[87] (WO2015/197759)
[30] IT (MI2014A001161) 2014-06-26

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[13] A1
[51] **Int.Cl. C10G 1/06 (2006.01) C10K 1/00 (2006.01)**
[25] EN
[54] **CONVERSION OF SOLID BIOMASS INTO A LIQUID HYDROCARBON MATERIAL**
[54] **CONVERSION D'UNE BIOMASSE SOLIDE EN SUSBTANCE HYDROCARBONEE LIQUIDE**
[72] URADE, VIKRANT NANASAHEB, IN
[72] CHILKOOR SOUNDARARAJAN, LAXMI NARASIMHAN, IN
[72] PANCHAGNULA, MADHUSUDHAN RAO, IN
[72] DEL PAGGIO, ALAN ANTHONY, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-12-20
[86] 2015-06-29 (PCT/EP2015/064691)
[87] (WO2016/001134)
[30] IN (3236/CHE/2014) 2014-07-01

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[13] A1
[51] **Int.Cl. G01N 15/10 (2006.01) G01N 15/14 (2006.01)**
[25] FR
[54] **FLOW CYTOMETRY ASSEMBLY AND SYSTEM, ANALYSING DEVICE COMPRISING SUCH A CYTOMETRY ASSEMBLY AND ASSEMBLY COMPRISING SUCH A CYTOMETRY SYSTEM**
[54] **SYSTEME ET ENSEMBLE DE CYTOMETRIE EN FLUX, DISPOSITIF D'ANALYSE COMPRENANT UN TEL ENSEMBLE DE CYTOMETRIE ET ENSEMBLE COMPRENANT UN TEL SYSTEME DE CYTOMETRIE**
[72] ROUSSEAU, ALAIN, FR
[71] ALAIN ROUSSEAU-TECHNIQUES & INNOVATIONS (ARTEION), FR
[85] 2016-12-20
[86] 2015-06-23 (PCT/FR2015/051677)
[87] (WO2016/001522)
[30] FR (14/56230) 2014-06-30

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[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 31/395 (2006.01) A61K 31/4725 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **INTERMITTENT DOSING OF MDM2 INHIBITOR**
[54] **ADMINISTRATION INTERMITTENTE D'INHIBITEUR DE MDM2**
[72] FERRETTI, STEPHANE, CH
[72] JEAY, SEBASTIEN, CH
[71] NOVARTIS AG, CH
[85] 2016-12-20
[86] 2015-06-25 (PCT/IB2015/054792)
[87] (WO2015/198266)
[30] US (62/017,406) 2014-06-26

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[51] **Int.Cl. D04H 1/46 (2012.01) B29C 70/08 (2006.01) B32B 5/26 (2006.01)**
[25] FR
[54] **TEXTILE REINFORCEMENT FRAMEWORK AND MEANS FOR THE PRODUCTION THEREOF**
[54] **ARMATURE TEXTILE DE RENFORCEMENT ET SON PROCEDE DE REALISATION**
[72] CHOMARAT, GILBERT, CH
[71] CHOMARAT, GILBERT, CH
[85] 2016-12-20
[86] 2015-07-07 (PCT/IB2015/055140)
[87] (WO2016/005908)
[30] FR (14 56591) 2014-07-08

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[13] A1
[51] **Int.Cl. A23G 3/52 (2006.01) A23L 29/10 (2016.01) A23G 3/36 (2006.01) A23G 9/32 (2006.01) A23G 9/46 (2006.01)**
[25] EN
[54] **AERATED CONFECTION WITH INTERFACIALLY STABILISED AIR CELLS**
[54] **CONFISERIE AEREE PRESENTANT DES ALVEOLES D'AIR A INTERFACE STABILISEE**
[72] CURSCHELLAS, CORINA, US
[72] GUNES, ZEYNEL DENIZ, CH
[72] GEHIN-DELVAL, CECILE, FR
[72] DEYBER, HELENE, FR
[72] LIMBACH, HANS JORG WERNER, CH
[71] NESTEC S.A., CH
[85] 2016-12-20
[86] 2015-07-29 (PCT/EP2015/067388)
[87] (WO2016/016308)
[30] EP (14179233.3) 2014-07-31

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[13] A1
[51] **Int.Cl. B65D 77/24 (2006.01) B65D 8/00 (2006.01)**
[25] EN
[54] **MEASURING DEVICE AND CONTAINER**
[54] **DISPOSITIF DE MESURE ET RECIPIENT**
[72] WIGGINS, ROBIN P., US
[72] KAHN, JOHANNA, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2016-12-20
[86] 2015-06-01 (PCT/US2015/033553)
[87] (WO2016/003568)
[30] US (14/321,022) 2014-07-01

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[13] A1
[51] **Int.Cl. B65D 8/00 (2006.01) B65D 77/24 (2006.01)**
[25] EN
[54] **PILLAR-SHAPED CONTAINER**
[54] **RECIPIENT EN FORME DE COLONNE**
[72] WIGGINS, ROBIN P., US
[72] KAHN, JOHANNA, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2016-12-20
[86] 2015-06-01 (PCT/US2015/033556)
[87] (WO2016/003569)
[30] US (14/321,050) 2014-07-01

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/7088 (2006.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **DICKKOPF2 (DKK2) INHIBITION SUPPRESSES TUMOR FORMATION**
[54] **SUPPRESSION DE LA FORMATION DE TUMEURS PAR INHIBITION DE DICKKOPF2 (DKK2)**
[72] WU, DIANQING, US
[72] SUN, LE, CN
[71] YALE UNIVERSITY, US
[85] 2016-12-20
[86] 2015-06-30 (PCT/US2015/038581)
[87] (WO2016/004055)
[30] US (62/020,684) 2014-07-03

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[13] A1
[51] **Int.Cl. A62C 2/22 (2006.01) A62C 3/00 (2006.01) B65G 21/00 (2006.01) E06B 3/90 (2006.01)**
[25] EN
[54] **DEVICE FOR PROVIDING A PASSAGE**
[54] **DISPOSITIF DE FOURNITURE D'UNE TRANSITION**
[72] STEHR, PETER BERNHARD, DE
[71] AMRONA AG, CH
[85] 2016-12-21
[86] 2015-04-27 (PCT/EP2015/059042)
[87] (WO2016/005067)
[30] DE (102014109495.6) 2014-07-08

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[13] A1
[51] **Int.Cl. B65D 71/50 (2006.01) B65B 17/02 (2006.01)**
[25] EN
[54] **A CONTAINER CARRIER**
[54] **PORTE-RECIPIENT**
[72] BATES, STEPHEN PAUL, GB
[71] BRITISH POLYTHENE LIMITED, GB
[85] 2016-12-02
[86] 2015-06-02 (PCT/GB2015/051606)
[87] (WO2016/001619)
[30] GB (1411919.2) 2014-07-03

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[13] A1
[51] **Int.Cl. B29C 64/135 (2017.01) B33Y 10/00 (2015.01) B33Y 50/00 (2015.01) B29C 64/268 (2017.01)**
[25] EN
[54] **STEREOLITHOGRAPHY METHOD COMPRISING A VERTICAL COMPENSATION PROCESS, AS WELL AS APPARATUS AND COMPUTER PROGRAM PRODUCT SUITED TO IMPLEMENT SAID METHOD**
[54] **PROCEDE DE STEREOLITHOGRAPHIE COMPRENANT UN PROCEDE DE COMPENSATION VERTICALE, AINSI QU'APPAREIL ET PROGRAMME D'ORDINATEUR CONVENANT POUR METTRE EN OEUVRE LEDIT PROCEDE**
[72] FORTUNATO, ROBERTO, IT
[71] DWS S.R.L., IT
[85] 2016-12-21
[86] 2015-06-18 (PCT/IB2015/054601)
[87] (WO2016/001787)
[30] IT (VI2014A000173) 2014-07-03

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[13] A1
[51] **Int.Cl. B65D 75/68 (2006.01) B65D 75/48 (2006.01)**
[25] EN
[54] **A DISPOSABLE FLUID DISPENSING RESERVOIR**
[54] **RESERVOIR DE DISTRIBUTION DE FLUIDE JETABLE**
[72] SHOREY, ANTHONY WILLIAM, GB
[72] CATON, NICOLA LOUISE, GB
[72] HAWES, CHRISTOPHER MARTIN, GB
[71] THE GILLETTE COMPANY LLC, US
[85] 2016-12-21
[86] 2015-06-29 (PCT/US2015/038205)
[87] (WO2016/003834)
[30] EP (14175102.4) 2014-06-30
[30] EP (15173129.6) 2015-06-22

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[13] A1
[51] **Int.Cl. B05D 5/08 (2006.01) B05D 3/10 (2006.01) B26B 21/60 (2006.01)**
[25] EN
[54] **METHOD OF TREATING RAZOR BLADE CUTTING EDGES**
[54] **PROCEDE DE TRAITEMENT D'ARETES DE LAMES DE RASOIR**
[72] DUFF, ROANLD RICHARD, JR., US
[72] NISBY, JOHN JOSEPH, US
[72] SKROBIS, KENNETH JAMES, US
[72] DEPUYDT, JOSEPH ALLAN, US
[71] THE GILLETTE COMPANY LLC, US
[85] 2016-12-21
[86] 2015-07-01 (PCT/US2015/038719)
[87] (WO2016/004142)
[30] US (62/019,796) 2014-07-01

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[13] A1
[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **FIRE EXTINGUISHING SYSTEM**
[54] **SYSTEME D'EXTINCTION D'INCENDIE**
[72] ERNFJALL, JOHNNY, SE
[71] FOGMAKER INTERNATIONAL AB, SE
[85] 2016-12-22
[86] 2015-06-25 (PCT/EP2015/064357)
[87] (WO2015/197756)
[30] EP (14174657.8) 2014-06-27

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[13] A1
[51] **Int.Cl. C12P 21/02 (2006.01) C12N 5/071 (2010.01) C12N 5/02 (2006.01) C12P 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING THE SPECIFIC PRODUCTION RATE OF EUKARYOTIC CELLS**
[54] **PROCEDE D'AUGMENTATION DE LA PRODUCTIVITE SPECIFIQUE DE CELLULES EUCARYOTES**
[72] POPP, OLIVER, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-12-22
[86] 2015-07-31 (PCT/EP2015/067733)
[87] (WO2016/023775)
[30] EP (14180586.1) 2014-08-11

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[13] A1
[51] **Int.Cl. C08F 2/18 (2006.01) B01J 19/24 (2006.01) C08F 2/12 (2006.01)**
[25] EN
[54] **HEAT TRANSFER IN A POLYMERIZATION REACTOR**
[54] **TRANSFERT DE CHALEUR DANS UN REACTEUR DE POLYMERISATION**
[72] KUFELD, SCOTT E., US
[72] MUTCHLER, JOEL A., US
[72] HOTTOVY, JOHN D., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2016-12-22
[86] 2015-06-19 (PCT/US2015/036671)
[87] (WO2015/200125)
[30] US (14/313,370) 2014-06-24

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[13] A1
[51] **Int.Cl. B29C 65/50 (2006.01)**
[25] EN
[54] **ADHERING DEVICE AND ADHERING METHOD**
[54] **DISPOSITIF D'ADHERENCE ET PROCEDE D'ADHERENCE**
[72] TOKUNAGA, TAISHI, JP
[72] TAKEUCHI, TSUNEHARU, JP
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-12-22
[86] 2015-06-22 (PCT/US2015/036932)
[87] (WO2015/200192)
[30] JP (2014-129330) 2014-06-24

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[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODY CONSTRUCTS FOR CDH19 AND CD3**
[54] **CONSTRUCTIONS D'ANTICORPS POUR CDH19 ET CD3**
[72] KUFER, PETER, DE
[72] HOFFMANN, PATRICK, DE
[72] RAUM, TOBIAS, DE
[72] LUTTERBUESE, RALF, DE
[72] NAHRWOLD, ELISABETH, DE
[72] BLUMEL, CLAUDIA, DE
[72] XIAO, SHOUHUA, US
[72] PAN, ZHENG, US
[72] WICKRAMASINGHE, DINELI, US
[71] AMGEN RESEARCH (MUNICH) GMBH, DE
[71] AMGEN INC., US
[85] 2016-12-22
[86] 2015-07-31 (PCT/EP2015/067610)
[87] (WO2016/016412)
[30] US (62/031,770) 2014-07-31

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[13] A1
[51] **Int.Cl. D01F 1/10 (2006.01) D01F 6/62 (2006.01)**
[25] EN
[54] **MULTIFILAMENT POLYESTER FIBRES**
[54] **FIBRES DE POLYESTER MULTIFILAMENTS**
[72] BRUNNER, MARTIN, CH
[72] HIRSIGER, CHRISTOPH, CH
[72] PULLEGA, FRANCESCO, IT
[72] RENTSCH, SAMUEL, CH
[72] TINKL, MICHAEL, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-12-23
[86] 2015-06-18 (PCT/EP2015/063663)
[87] (WO2016/000968)
[30] EP (14175252.7) 2014-07-01

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[13] A1
[51] **Int.Cl. A61J 7/00 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **STORAGE CONTAINER FOR AN APPARATUS FOR AUTOMATED DISPENSING OF INDIVIDUAL MEDICAMENT PORTIONS**
[54] **RESERVOIR POUR DISPOSITIF DE DELIVRANCE AUTOMATIQUE DE MEDICAMENTS SOUS FORME DE PORTIONS INDIVIDUELLES**
[72] GROSS, DIETMAR, DE
[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
[85] 2016-12-23
[86] 2015-06-16 (PCT/EP2015/063463)
[87] (WO2016/000954)
[30] EP (14175587.6) 2014-07-03

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[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/10 (2016.01) A23L 2/38 (2006.01)**
[25] EN
[54] **PRECONCEPTION/PRENATAL/POSTNATAL OPTIMAL NUTRITION SYSTEM, COMPOSITIONS AND KITS FOR USE THEREIN, AND METHODS OF MAKING AND USING SAME**
[54] **SYSTEME DE NUTRITION OPTIMALE UTILISE AVANT LA CONCEPTION/AVANT LA NAISSANCE/APRES LA NAISSANCE, COMPOSITIONS ET KITS ASSOCIES, ET METHODES DE FABRICATION ET D'UTILISATION ASSOCIEES**
[72] DAVIES, KELLY NICOLE, US
[72] RUPPE, MICHAEL FRANCIS, US
[72] PAC, SUSAN GERBERG, US
[72] REIDY, KATHLEEN CHARITY, US
[72] CALLEN, CHERYL ANN, US
[72] BEARDEN, MONICA MARIA, US
[72] AARON, SHARA LYNN, US
[71] NESTEC S.A., CH
[85] 2016-12-23
[86] 2015-08-20 (PCT/IB2015/056329)
[87] (WO2016/027252)
[30] US (62/039,524) 2014-08-20

[21] **2,953,729**
[13] A1
[51] **Int.Cl. B65D 81/113 (2006.01) B65D 5/50 (2006.01)**
[25] FR
[54] **PACKAGING SUITABLE FOR AT LEAST ONE HEAVY OBJECT**
[54] **EMBALLAGE ADAPTE POUR AU MOINS UN OBJET LOURD**
[72] CIBERT, GREGORY, FR
[72] NARDIN, EMMANUEL, FR
[72] SANNIE, QUENTIN, FR
[71] DEVIALET, FR
[85] 2016-12-28
[86] 2015-06-24 (PCT/EP2015/064293)
[87] (WO2015/197716)
[30] FR (1455923) 2014-06-25

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **CAPSULE FOR RAPID MOLECULAR QUANTIFICATION OF A FLUID SAMPLE SUCH AS WHOLE BLOOD**
[54] **CAPSULE POUR QUANTIFICATION MOLECULAIRE RAPIDE D'UN ECHANTILLON DE FLUIDE TEL QUE DU SANG TOTAL**
[72] MAERKI, IWAN, CH
[72] CARRERE, LAURIANE, CH
[72] DURAND, NICOLAS, CH
[71] ABIONIC SA, CH
[85] 2016-12-28
[86] 2015-06-23 (PCT/IB2015/054706)
[87] (WO2016/001795)
[30] IB (PCT/IB2014/062818) 2014-07-03

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[13] A1
[51] **Int.Cl. B08B 17/02 (2006.01) B63B 59/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR ANTI-BIOFOULING**
[54] **SYSTEME POUR L'ANTI-ENCRASSEMENT BIOLOGIQUE**
[72] SALTERS, BART ANDRE, NL
[72] HIETBRINK, ROELANT BOUDEWIJN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
[85] 2016-12-29
[86] 2015-06-30 (PCT/EP2015/064851)
[87] (WO2016/001227)
[30] EP (14174966.3) 2014-06-30

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[13] A1
[51] **Int.Cl. B01J 31/06 (2006.01) C01B 15/023 (2006.01) D21C 3/02 (2006.01)**
[25] FR
[54] **NOVEL SUPPORTED ANTHRAQUINONIC CATALYSTS AND USES OF SAME FOR KRAFT COOKING**
[54] **NOUVEAUX CATALYSEURS ANTHRAQUINONIQUES SUPPORTES ET LEURS UTILISATIONS POUR LA CUISSON KRAFT**
[72] ROUSSEAU-POPA, VALENTINA-MIHAELA, FR
[72] HEROGUEZ, VALERIE, FR
[72] PICHAVANT, FREDERIQUE, FR
[72] GARDRAT, CHRISTIAN, FR
[72] CASTELLAN, ALAIN, FR
[72] GRELIER, STEPHANE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] SMURFIT KAPPA CELLULOSE DU PIN, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2016-12-29
[86] 2015-07-02 (PCT/EP2015/065068)
[87] (WO2016/001347)
[30] FR (1456394) 2014-07-03

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[13] A1
[51] **Int.Cl. B01J 37/08 (2006.01) B01J 38/04 (2006.01) C07C 5/48 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **TREATMENT OF A MIXED METAL OXIDE CATALYST CONTAINING MOLYBDENUM, VANADIUM, NIOBIUM AND OPTIONALLY TELLURIUM**
[54] **TRAITEMENT D'UN CATALYSEUR D'OXYDES METALLIQUES MIXTES CONTENANT DU MOLYBDENE, DU VANADIUM, DU NIOBIUM ET EVENTUELLEMENT DU TELLURE**
[72] SCHOONEBEEK, RONALD JAN, NL
[72] VERHAAK, MICHIEL JOHANNES FRANCISCUS MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-12-29
[86] 2015-06-29 (PCT/EP2015/064639)
[87] (WO2016/001112)
[30] EP (14174922.6) 2014-06-30

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[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01) B29C 51/00 (2006.01)**
[25] EN
[54] **THERMOFORMED ARTICLES FROM POLYPROPYLENE POLYMER COMPOSITIONS**
[54] **ARTICLES THERMOFORMES REALISES A PARTIR DE COMPOSITIONS POLYMERES DE POLYPROPYLENE**
[72] TEDFORD, RICHARD A., JR., US
[71] INTERNATIONAL PAPER COMPANY, US
[85] 2016-12-30
[86] 2015-06-08 (PCT/US2015/034696)
[87] (WO2016/003603)
[30] US (62/020,492) 2014-07-03

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[13] A1
[51] **Int.Cl. B05C 9/12 (2006.01) B05B 7/24 (2006.01) B05C 9/14 (2006.01) B05C 17/005 (2006.01) B05C 17/01 (2006.01) B05C 17/03 (2006.01)**
[25] EN
[54] **APPLICATOR FOR APPLYING A PHOTOCURABLE COMPOSITE MATERIAL OVER A LARGE SURFACE OF AN OBJECT, AND APPLICATOR ELEMENT FOR AN APPLICATOR**
[54] **APPLICATEUR DESTINE A APPLIQUER SUR UNE GRANDE SURFACE D'UN OBJET UN MATERIAU COMPOSITE PHOTODURCISSABLE ET ELEMENT D'APPLICATION POUR APPLICATEUR**
[72] JURCEVIC, DINKO, DE
[71] KDS HOLDING GMBH, DE
[85] 2017-01-03
[86] 2015-07-13 (PCT/DE2015/100300)
[87] (WO2016/004930)
[30] DE (20 2014 103 202.9) 2014-07-11

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[13] A1
[51] **Int.Cl. C12M 1/28 (2006.01) C12M 1/26 (2006.01) A01N 1/02 (2006.01) B01L 3/00 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR LE TRANSFERT AUTOMATISE D'UN ECHANTILLON**
[72] MAO, YING, US
[72] CONWAY, KENNETH ROGER, US
[72] GRIFFIN, WESTON BLAINE, US
[72] SMITH, REGINALD DONOVAN, US
[72] LOGHIN, EVELINA ROXANA, US
[72] KESKAR, VANDANA, US
[72] ZHANG, CHENGKUN, US
[72] ZHANG, ZHIPENG, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-01-03
[86] 2015-08-05 (PCT/EP2015/068037)
[87] (WO2016/020425)
[30] US (14/453,683) 2014-08-07

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[13] A1
[51] **Int.Cl. B01J 19/24 (2006.01) B01J 8/02 (2006.01)**
[25] EN
[54] **CATALYTIC REACTORS COMPRISING DISTRIBUTED TEMPERATURE SENSORS**
[54] **REACTEURS CATALYTIQUES A CAPTEURS DE TEMPERATURE REPARTIS**
[72] BONNER, CHRISTOPHER WILLIAM, GB
[72] DANNATT, BENJAMIN, GB
[71] COMPACT GTL PLC, GB
[85] 2017-01-04
[86] 2015-07-01 (PCT/GB2015/051922)
[87] (WO2016/001663)
[30] GB (1412000.0) 2014-07-04

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[13] A1
[51] **Int.Cl. C07K 7/54 (2006.01) C07K 1/04 (2006.01) C07K 1/06 (2006.01) C07K 7/16 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF OXYTOCIN ANALOGUES**
[54] **PROCEDES POUR LA PREPARATION D'ANALOGUES DE L'OXYTOCINE**
[72] BLEICHER, KONRAD, DE
[72] CUENI, ANTON, CH
[72] PUENTENER, KURT, CH
[72] SHIINA, JUNICHI, JP
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-01-04
[86] 2015-08-04 (PCT/EP2015/067881)
[87] (WO2016/020349)
[30] EP (14180161.3) 2014-08-07

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[13] A1
[51] **Int.Cl. D04B 3/00 (2006.01)**
[25] EN
[54] **KNITTING SPOOL**
[54] **TRICOTIN**
[72] T.A., DEVAGNANAM, IN
[71] T.A., DEVAGNANAM, IN
[85] 2017-01-05
[86] 2015-07-07 (PCT/IN2015/050062)
[87] (WO2016/006001)
[30] IN (3373/CHE/2014) 2014-07-08

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[13] A1
[51] **Int.Cl. A61B 17/17 (2006.01) A61B 17/15 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **DESIGN METHOD OF A RIG**
[54] **PROCEDE DE CONCEPTION D'UNE PLATE-FORME DE PERCAGE**
[72] BAKE, NINA, SE
[72] LILLIESTRALE, RICHARD, SE
[71] EPISURF IP-MANAGEMENT AB, SE
[85] 2017-01-05
[86] 2015-07-09 (PCT/EP2015/065780)
[87] (WO2016/005541)
[30] EP (PCT/EP2014/064760) 2014-07-09

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[13] A1
[51] **Int.Cl. D06P 1/673 (2006.01) D06B 11/00 (2006.01) D06F 71/36 (2006.01) D06P 5/20 (2006.01) D06P 5/22 (2006.01) D06P 5/30 (2006.01)**
[25] EN
[54] **HEAT TREATMENT DEVICE FOR USE IN A HOT PRESS TO TRANSFER A TREATMENT COMPOSITION TO A SUBSTRATE**
[54] **DISPOSITIF DE TRAITEMENT A CHAUD POUR L'UTILISATION DANS UNE PRESSE A CHAUD POUR TRANSFERER UNE COMPOSITION DE TRAITEMENT A UN SUBSTRAT**
[72] DOLSEY, RUSSELL, US
[71] NEENAH PAPER, INC., US
[85] 2017-01-05
[86] 2015-07-09 (PCT/US2015/039636)
[87] (WO2016/007684)
[30] US (14/326,558) 2014-07-09

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[13] A1
[51] **Int.Cl. C10G 45/08 (2006.01) B01J 23/883 (2006.01) B01J 27/19 (2006.01) B01J 35/00 (2006.01) C10G 65/04 (2006.01)**
[25] EN
[54] **A HYDROPROCESSING CATALYST FOR TREATING A HYDROCARBON FEED HAVING AN ARSENIC CONCENTRATION AND A METHOD OF MAKING AND USING SUCH CATALYST**
[54] **CATALYSEUR D'HYDROTRAITEMENT POUR LE TRAITEMENT D'UNE CHARGE D'HYDROCARBURES AYANT UNE CONCENTRATION D'ARSENIC ET UN PROCEDE DE FABRICATION ET D'UTILISATION DE CE CATALYSEUR**
[72] GINESTRA, JOSIANE MARIE-ROSE, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-01-05
[86] 2015-07-09 (PCT/US2015/039638)
[87] (WO2016/007686)
[30] US (62/023,238) 2014-07-11

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[13] A1
[51] **Int.Cl. A01H 1/04 (2006.01) A01H 5/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IDENTIFYING AND SELECTING MAIZE PLANTS WITH RESISTANCE TO NORTHERN LEAF BLIGHT**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'IDENTIFIER ET DE SELECTIONNER DES PLANTS DE MAIS PRESENTANT UNE RESISTANCE A L'HELMINTHOSPORIOSE DU NORD DU MAIS**
[72] KREFF, ENRIQUE DOMINGO, AR
[72] TABOR, GIRMA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-01-05
[86] 2015-08-04 (PCT/US2015/043529)
[87] (WO2016/022517)
[30] US (62/034,806) 2014-08-08

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[13] A1
[51] **Int.Cl. B01J 8/02 (2006.01)**
[25] EN
[54] **EXCHANGER AND/OR REACTOR-EXCHANGER MANUFACTURED IN AN ADDITIVE PROCESS**
[54] **ECHANGEUR ET/OU ECHANGEUR-REACTEUR FABRIQUE PAR METHODE ADDITIVE**
[72] DEL-GALLO, PASCAL, FR
[72] DUBET, OLIVIER, FR
[72] PROST, LAURENT, FR
[72] WAGNER, MARC, FR
[72] FLIN, MATTHIEU, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-01-06
[86] 2015-06-30 (PCT/FR2015/051784)
[87] (WO2016/005676)
[30] FR (1456623) 2014-07-09

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[13] A1
[51] **Int.Cl. B65D 88/16 (2006.01) D02G 3/44 (2006.01) D03D 15/00 (2006.01)**
[25] EN
[54] **GROUNDABLE, FLEXIBLE BULK MATERIAL CONTAINER**
[54] **CONTENANT SOUPLE DE PRODUITS EN VRAC POUVANT ETRE MIS A LA TERRE**
[72] BAUMDICKER, KLAUS, DE
[72] WOLF, ELKE, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2017-01-06
[86] 2015-07-06 (PCT/EP2015/065291)
[87] (WO2016/005302)
[30] DE (10 2014 010 273.4) 2014-07-11

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[13] A1
[51] **Int.Cl. A62C 99/00 (2010.01) A62C 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR EXTINGUISHING FIRES AND PROJECTILE FOR EXTINGUISHING FIRES**
[54] **METHODE D'EXTINCTION DES INCENDIES ET PROJECTILE DESTINE A L'EXTINCTION DES INCENDIES**
[72] TORRES MUNOZ, JORDI MIQUEL, ES
[71] TORRES SERVICIOS TECNICOS, S.L., ES
[85] 2017-01-09
[86] 2015-07-10 (PCT/ES2015/070538)
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[54] **IONIC LIQUID, ADDUCT AND METHODS THEREOF**
[54] **LIQUIDE IONIQUE, PRODUIT D'ADDITION ET PROCEDES CORRESPONDANTS**
[72] UPPARA, PARASUVEERA, IN
[72] RAJE, VIVEK, IN
[72] ADURI, PAVANKUMAR, IN
[72] DUKHANDE, VIBHUTI, IN
[72] SALVI, PRATHMESH PRADEEP, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
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[54] **SWEETENER COMPOSITIONS**
[54] **COMPOSITIONS D'EDULCORANT**
[72] AUGELLI, JENIFER, US
[72] FURRER, STEFAN, US
[72] VAN OMMEREN, ESTHER, NL
[72] UNGUREANU, IOANA MARIA, US
[71] GIVAUDAN SA, CH
[85] 2017-01-10
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[25] EN
[54] **SURGICAL TOOL AND METHOD FOR OCULAR TISSUE TRANSPLANTATION**
[54] **OUTIL CHIRURGICAL ET PROCEDE POUR UNE GREFFE DE TISSU OCULAIRE**
[72] MAMINISHKIS, ARVYDAS, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES, US
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[25] EN
[54] **METHOD FOR PROVIDING PARTS OF WATERPROOF AND BREATHABLE SHOES, PARTS OF WATERPROOF AND BREATHABLE SHOES PROVIDED WITH THE METHOD, AND WATERPROOF AND BREATHABLE SOLES PROVIDED WITHTHE SHOE PARTS**
[54] **PROCEDE DE PRODUCTION DE PARTIES DE CHAUSSURES IMPER-RESPIRANTES, PARTIES DE CHAUSSURES IMPER-RESPIRANTES PRODUITES AU MOYEN DUDIT PROCEDE ET SEMELLES IMPER-RESPIRANTES POURVUES DESDITES PARTIES DE CHAUSSURES**
[72] POLEGATO MORETTI, MARIO, IT
[71] GEOX S.P.A., IT
[85] 2017-01-11
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[25] EN
[54] **A PROCESS FOR CONTROLLING FERMENTATION OF CO-CONTAINING SUBSTRATES**
[54] **PROCEDE DE REGULATION DE LA FERMENTATION DE SUBSTRATS CONTENANT DU CO**
[72] BELL, PETER SIMPSON, GB
[72] LIU, SONG, CN
[71] INEOS BIO SA, CH
[85] 2017-01-11
[86] 2015-07-24 (PCT/US2015/041893)
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[25] EN
[54] **POURING CLOSURE FOR THE SPOUT OF A CANISTER OR ANY CONTAINER FOR CONTROLLED MULTI-SIDE POURING**
[54] **BOUCHON VERSEUR POUR LE MANCHON D'UN JERRICAN OU D'UN RECIPIENT QUELCONQUE POUR LE VERSEMENT CONTROLE VERS PLUSIEURS COTES**
[72] WOHLGENANNT, HERBERT, CH
[71] CAPARTIS AG, CH
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[86] 2015-06-18 (PCT/EP2015/063702)
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[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING OPTICAL EFFECT LAYERS**
[54] **APPAREIL ET PROCEDE DE PRODUCTION DE COUCHES A EFFET OPTIQUE**
[72] LOGINOV, EVGENY, CH
[72] MULLER, EDGAR, CH
[72] SCHMID, MATHIEU, CH
[72] DESPLAND, CLAUDE-ALAIN, CH
[72] DEGOTT, PIERRE, CH
[71] SICPA HOLDING SA, CH
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[25] EN
[54] **METHODS FOR ENHANCING THE PALATABILITY OF LIQUID ANIMAL DIGESTS**
[54] **PROCEDES POUR AMELIORER LA PALATABILITE DE DIGESTATS ANIMAUX LIQUIDES**
[72] VANACKER, PASCAL, FR
[72] PIBAROT, PATRICK, FR
[71] NESTEC SA, CH
[85] 2017-01-16
[86] 2015-08-18 (PCT/IB2015/056283)
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[25] EN
[54] **PLANT REGULATORY ELEMENTS AND METHODS OF USE THEREOF**
[54] **ELEMENTS REGULATEURS DE PLANTES ET PROCEDES D'UTILISATION ASSOCIES**
[72] DIEHN, SCOTT, US
[72] VAN ALLEN, MICHELLE, US
[72] LU, ALBERT, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-01-17
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[25] EN
[54] **BISPECIFIC ANTIBODIES AGAINST CD3EPSILON AND BCMA**
[54] **ANTICORPS BISPECIFIQUES ANTI CD3EPSILON ET BCMA**
[72] VU, MINH DIEM, CH
[72] STREIN, KLAUS, DE
[72] AST, OLIVER, CH
[72] BACAC, MARINA, CH
[72] HANISCH, LYDIA JASMIN, CH
[72] FAUTI, TANJA, CH
[72] FREIMOSER-GRUNDSCHOBER, ANNE, CH
[72] HOSSE, RALF, CH
[72] KLEIN, CHRISTIAN, CH
[72] MOESSNER, EKKEHARD, CH
[72] MOSER, SAMUEL, CH
[72] MURR, RAMONA, CH
[72] UMANA, PABLO, CH
[72] JUNG-IMHOF, SABINE, DE
[72] KLOSTERMANN, STEFAN, DE
[72] MOLHOJ, MICHAEL, DE
[72] REGULA, JOERG, DE
[72] SCHAEFER, WOLFGANG, DE
[71] ENGMAB AG, CH
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[25] EN
[54] **UBIQUITIN PROMOTERS AND INTRONS AND METHODS OF USE**
[54] **PROMOTEURS D'UBIQUITINE ET INTRONS, ET PROCEDES D'UTILISATION**
[72] ABBITT, SHANE, US
[72] VAN ALLEN, MICHELLE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **EVENT STREAM TRANSFORMATIONS**
[54] **TRANSFORMATIONS DE FLUX D'EVENEMENTS**
[72] NANO, OLIVIER, US
[72] SANTOS, IVO JOSE GARCIA DOS, US
[72] AKCHURIN, ELDAR, US
[72] NOVIK, LEV, US
[72] TARNAVSKI, TIHOMIR, US
[72] PERIORELLIS, PANAGIOTIS, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-01-19
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[25] EN
[54] **TISSUE MATRICES AND METHODS OF TREATMENT**
[54] **MATRICES TISSULAIRES ET METHODES DE TRAITEMENT**
[72] BACHRACH, NATHANIEL, US
[71] LIFECELL CORPORATION, US
[85] 2017-01-23
[86] 2015-08-13 (PCT/US2015/044971)
[87] (WO2016/025666)
[30] US (62/037,228) 2014-08-14
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[25] EN
[54] **SIRP-ALPHA IMMUNOGLOBULIN FUSION PROTEINS**
[54] **PROTEINES HYBRIDES D'IMMUNOGLOBULINE SIRP-ALPHA**
[72] LO, KIN-MING, US
[72] ZIZLSPERGER, NORA, US
[72] SIRCAR, AROOP, US
[71] MERCK PATENT GMBH, DE
[85] 2017-01-24
[86] 2015-08-14 (PCT/EP2015/068798)
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[51] **Int.Cl. H01J 49/00 (2006.01) H01J 49/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE CHEMICAL IONIZATION OF SAMPLES**
[54] **PROCEDE ET APPAREIL POUR L'IONISATION CHIMIQUE D'ECHANTILLONS**
[72] TAYLOR, STEPHEN, GB
[72] ATKINSON, JONATHAN, GB
[71] SMITHS DETECTION-WATFORD LIMITED, GB
[85] 2017-01-25
[86] 2015-07-22 (PCT/GB2015/052116)
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[51] **Int.Cl. A22B 3/00 (2006.01) A01K 29/00 (2006.01) A22B 5/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTROLLING THE ANESTHETIZATION OF AN ANIMAL TO BE SLAUGHTERED**
[54] **DISPOSITIF DE CONTROLE DE L'ANESTHESIE D'UN ANIMAL DE BOUCHERIE**
[72] SCHIMITZEK, PETER, DE
[71] CSB-SYSTEM AG, DE
[85] 2017-01-25
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[25] EN
[54] **REDUNDANT VOLTAGE SUPPLY DEVICE**
[54] **DISPOSITIF D'ALIMENTATION EN TENSION REDONDANT**
[72] MACHE, ERIK, DE
[71] DIEHL AEROSPACE GMBH, DE
[85] 2017-01-25
[86] 2015-08-18 (PCT/EP2015/001693)
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[30] DE (10 2014 012 462.2) 2014-08-21

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[25] EN
[54] **HYBRID LASER ANTI-CLIPPING FOR FIBER-COAXIAL NETWORKS**
[54] **ANTI-CISAILLEMENT DE LASER HYBRIDE POUR RESEAUX COAXIAUX-FIBRES**
[72] BUJANOS, JOAQUIN BEAS, MX
[72] AGUIRRE, SERGIO ALFREDO MENDOZA, MX
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-01-25
[86] 2015-07-24 (PCT/US2015/041974)
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[51] **Int.Cl. E21B 43/24 (2006.01) H01M 8/0668 (2016.01) F24H 8/00 (2006.01) F24J 1/00 (2006.01) C09K 8/592 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING HEAVY OIL USING A FUEL CELL**
[54] **METHODE DE PRODUCTION D'HUILE LOURDE AU MOYEN D'UNE PILE A COMBUSTIBLE**
[72] MILLAR, MACKENZIE, CA
[72] LOURENCO, JOSE, CA
[71] 1304338 ALBERTA LTD., CA
[71] 1304342 ALBERTA LTD., CA
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[51] **Int.Cl. C08K 3/04 (2006.01) C01B 32/182 (2017.01) C01B 32/19 (2017.01) C08J 3/20 (2006.01) C08K 7/00 (2006.01) C08L 77/00 (2006.01) C09C 1/44 (2006.01)**
[25] EN
[54] **GRAPHENE-REINFORCED POLYMER MATRIX COMPOSITES**
[54] **COMPOSITES A MATRICE POLYMERE RENFORCEE PAR DU GRAPHENE**
[72] NOSKER, THOMAS, US
[72] LYNCH, JENNIFER, US
[72] KEAR, BERNARD, US
[72] HENDRIX, JUSTIN, US
[72] CHIU, GORDON, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2017-01-26
[86] 2015-07-29 (PCT/US2015/042623)
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[25] EN
[54] **FLUID CIRCULATION SYSTEMS INCORPORATING FLUID LEVELING DEVICES**
[54] **SYSTEMES DE CIRCULATION DE FLUIDE COMPRENANT DES DISPOSITIFS DE MISE A NIVEAU DE FLUIDE**
[72] COPPETA, JONATHAN, US
[72] ISENBERG, BRETT, US
[72] MESCHER, MARK, US
[71] THE CHARLES STARK DRAPER LABORATORY, INC., US
[85] 2017-01-27
[86] 2015-08-05 (PCT/US2015/043864)
[87] (WO2016/022722)
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[51] **Int.Cl. F16G 13/00 (2006.01)**
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[54] **GUIDE DEVICE**
[54] **DISPOSITIF DE GUIDAGE**
[72] JAEKER, THILO-ALEXANDER, DE
[71] IGUS GMBH, DE
[85] 2017-01-30
[86] 2015-07-01 (PCT/EP2015/065000)
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[54] **ANTI-TENASCIN C ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-TENASCINE-C ET UTILISATIONS**
[72] MIDWOOD, KIM SUZANNE, GB
[72] BLAND-WARD, PHILIP ANTONY, GB
[72] BURNS, NIGEL, GB
[72] HEXTALL, PATRICK JOHN, GB
[72] AUNGIER, SUSAN REBECCA, GB
[71] NASCIENT LIMITED, GB
[85] 2017-01-30
[86] 2015-08-07 (PCT/GB2015/052298)
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[25] EN
[54] **THERMOLABILE EXONUCLEASES**
[54] **EXONUCLEASES THERMOLABILES**
[72] SOLSTAD, TERESE, NO
[72] ANDREASSEN, ELISABETH LILL, NO
[72] LORENTZEN, MARIT SJO, NO
[72] LANES, OLAV, NO
[72] ELDE, MORTEN, NO
[72] LARSEN, ATLE NORALF, NO
[72] PIOTROWSKI, YVONNE, NO
[72] WILLASSEN, NILS PEDER, NO
[71] ARCTICZYMES AS, NO
[71] UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET, NO
[85] 2017-01-31
[86] 2015-08-19 (PCT/EP2015/001703)
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[25] EN
[54] **ANTIFUNGAL PAENIBACILLUS STRAINS, FUSARICIDIN-TYPE COMPOUNDS, AND THEIR USE**
[54] **SOUCHES DE PAENIBACILLUS ANTI-FONGIQUES, COMPOSES DE TYPE FUSARICIDINE ET LEUR UTILISATION**
[72] SIEPE, ISABELLA, DE
[72] BRUSER, HEIKE, DE
[72] KLAPPACH, KRISTIN, DE
[72] SCHNEIDER, KARL-HEINRICH, DE
[72] SPROTE, PETRA, DE
[72] HAGE, KERSTIN, DE
[72] BLANZ, BIRGIT, DE
[72] THINES, ECKHARD, DE
[72] ANTELO, LUIS, DE
[72] SANDJO, LOUIS PERGAUD, CM
[72] OPATZ, TILL, DE
[71] BASF SE, DE
[85] 2017-01-31
[86] 2015-08-04 (PCT/EP2015/067925)
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **METHOD OF ESTIMATING THE AMOUNT OF A METHYLATED LOCUS IN A SAMPLE**
[54] **PROCEDE D'ESTIMATION DE LA QUANTITE D'UN LOCUS METHYLE DANS UN ECHANTILLON**
[72] DAHL, CARL OSCAR FREDRIK, SE
[72] ERICSSON, OLOF JOHN, SE
[72] BANER, JOHAN, SE
[71] VANADIS DIAGNOSTICS, SE
[85] 2017-01-31
[86] 2015-07-31 (PCT/IB2015/055799)
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[30] US (62/037,057) 2014-08-13

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[51] **Int.Cl. C02F 1/24 (2006.01) B01D 17/04 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **WATER TREATING EQUIPMENT PROVIDING COALESCENCE AND FLOTATION WITHIN A SINGLE VESSEL**
[54] **EQUIPEMENT DE TRAITEMENT D'EAU FOURNISSANT COALESCENCE ET FLOTTATION AU SEIN D'UNE SEULE CUVE**
[72] SAMS, GARY W, US
[72] LEE, JOSEPH MIN-HSIUN, US
[72] ZHENG, Z FRANK, US
[71] CAMERON SOLUTIONS, INC., US
[85] 2017-01-31
[86] 2015-07-30 (PCT/US2015/042850)
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[54] **PRECIPITATED ALUMINA AND METHOD OF PREPARATION**
[54] **ALUMINE PRECIPITEE ET PROCEDE DE PREPARATION**
[72] RABAIOLI, MARIA ROBERTA, US
[71] SASOL PERFORMANCE CHEMICALS GMBH, DE
[85] 2017-01-31
[86] 2015-08-05 (PCT/US2015/043842)
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[25] EN
[54] **METHODS FOR FORMULATING DIETARY FOODSTUFFS**
[54] **PROCEDES DE FORMULATION DE PRODUITS ALIMENTAIRES DIETETIQUES**
[72] MILLER, ROSALIND B., AU
[72] BENNETT, LOUISE ELIZABETH, AU
[72] SELBY-PHAM, SOPHIE NGOC BICH, AU
[71] HORTICULTURE AUSTRALIA LIMITED, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2017-02-01
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[54] **ANTICORPS SPECIFIQUES POUR LA MMP9**
[72] CHVATCHKO MISSOTTEN, YOLANDE, CH
[72] GOFFIN, LAURENCE, FR
[72] LEGER, OLIVIER, FR
[72] DUNN, STEVEN M., FR
[72] POWER, CHRISTINE, FR
[72] MAUNDRELL, KINSEY, CH
[71] CALYPSO BIOTECH SA, CH
[71] MERCK PATENT GMBH, DE
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[54] **CONFISERIE AEREE ET SON PROCEDE DE FABRICATION**
[72] SONG, JOO, US
[72] TACKETT, APRIL J., US
[72] BROWN, SCOTT G., US
[71] WM. WRIGLEY JR. COMPANY, US
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[25] EN
[54] **FOOD PRODUCT**
[54] **PRODUIT ALIMENTAIRE**
[72] LUNDIN, CHRISTOPHER BRIAN, US
[71] LUNDIN, CHRISTOPHER BRIAN, US
[85] 2017-02-03
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[25] EN
[54] **TEMPERATURE STABLE FORMULATION WITH NATURAL COLORING AGENT FOR FOOD**
[54] **FORMULATION THERMOSTABLE AVEC COLORANT ALIMENTAIRE NATUREL**
[72] BINDRICH, UTE, DE
[72] ALBERS, DIETER, DE
[71] DEUTSCHES INSTITUT FUER LEBENSMITTELTECHNIK E.V., DE
[85] 2017-02-03
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[54] **METHOD OF SEQUENCING IMMOBILIZED POLYNUCLEOTIDES**
[54] **PROCEDE DE SEQUENCAGE DE POLYNUCLEOTIDES IMMOBILISES**
[72] KOTSBAK, JARLE, NO
[71] GENESEQUE AS, NO
[85] 2017-02-06
[86] 2015-07-31 (PCT/EP2015/067709)
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[25] EN
[54] **PRODUCTION OF STEVIOL GLYCOSIDES IN RECOMBINANT HOSTS**
[54] **PRODUCTION DE GLYCOSIDES DE STEVIOL DANS DES HOTES DE RECOMBINAISON**
[72] DOUCHIN, VERONIQUE, DK
[72] MIKKELSEN, MICHAEL DALGAARD, DK
[72] MOLLER-HANSEN, IBEN, DK
[71] EVOLVA SA, CH
[85] 2017-02-06
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[25] FR
[54] **DEVICE AND METHOD FOR SELECTING EUKARYOTIC CELLS IN A TRANSPORTATION CHANNEL BY ALTERING THE EUKARYOTIC CELLS BY MEANS OF ELECTROMAGNETIC RADIATION**
[54] **DISPOSITIF ET PROCEDE DE SELECTION DE CELLULES EUCARYOTES DANS UN CANAL DE TRANSPORT PAR ALTERATION DES CELLULES EUCARYOTES AU MOYEN D'UN RAYONNEMENT ELECTROMAGNETIQUE**
[72] LIEGEOIS, LUC, FR
[72] COURTADE, EMMANUEL, FR
[72] DAMART, HERVE, FR
[72] PESEZ, JEAN, FR
[72] THOMMEN, QUENTIN, FR
[72] TREIZEBRE, ANTHONY, FR
[71] GENES DIFFUSION, FR
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[25] FR
[54] **SEQUENCING BATCH FACILITY AND METHOD FOR REDUCING THE NITROGEN CONTENT IN WASTE WATER**
[54] **INSTALLATION ET PROCEDE BATCH SEQUENCE POUR REDUIRE LA TENEUR EN AZOTE DANS LES EAUX RESIDUAIRES**
[72] GINESTET, PHILIPPE, FR
[72] GRAVELEAU BILLEMAZ, LAURE, FR
[71] SUEZ INTERNATIONAL, FR
[85] 2017-02-06
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[25] EN
[54] **ENCAPSULATION OF HYDROPHOBIC BIOLOGICALLY ACTIVE COMPOUNDS**
[54] **ENCAPSULATION DE COMPOSES BIOLOGIQUEMENT ACTIFS HYDROPHOBES**
[72] HAREL, MORDECHAI, US
[72] KESHTMAND, MAJID, US
[72] KAMBALLAPALLY, SWETHA, US
[72] MORRISON-ROWE, SARA, US
[71] ADVANCED BIONUTRITION CORP., US
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[25] EN
[54] **MODIFIED NUCLEOTIDE LINKERS**
[54] **LIEURS NUCLEOTIDIQUES MODIFIEES**
[72] WU, XIAOLIN, GB
[72] LIU, XIAOHAI, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2017-02-06
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[25] EN
[54] **METHOD OF DETERMINING PIK3CA MUTATIONAL STATUS IN A SAMPLE**
[54] **PROCEDE DE DETERMINATION DE L'ETAT DE MUTATION DE PIK3CA DANS UN ECHANTILLON**
[72] LIANIDOU, EVRYKLEIA, GR
[72] MARKOU, ATHINA, GR
[71] PHARMASSIST LTD, GR
[85] 2017-02-06
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[25] EN
[54] **TYMPANOSTOMY TUBE DELIVERY DEVICE WITH ROTATABLE FLEXIBLE SHAFT**
[54] **DISPOSITIF DE PLACEMENT D'UN TUBE DE TYMPANOSTOMIE AVEC ARBRE FLEXIBLE ROTATIF**
[72] VAN, NGA K., US
[72] CLOPP, MATHEW D., US
[72] BARON, SCOTT J., US
[72] GROSS, THOMAS D., US
[71] TUSKER MEDICAL, INC., US
[85] 2017-02-06
[86] 2015-08-07 (PCT/US2015/044177)
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[25] EN
[54] **CD3 BINDING DOMAIN**
[54] **DOMAINE DE LIAISON AUX CD3**
[72] ZHUKOVSKY, EUGENE, DE
[72] LITTLE, MELVYN, DE
[72] KNACKMUSS, STEFAN, DE
[72] REUSCH, UWE, DE
[72] ELLWANGER, KRISTINA, DE
[72] FUCEK, IVICA, DE
[72] WEICHEL, MICHAEL, DE
[72] ESER, MARKUS, DE
[72] MCALEESE-ESER, FIONNUALA, DE
[71] AFFIMED GMBH, DE
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[25] EN
[54] **WOUND DRESSING**
[54] **PANSEMENT POUR PLAIES**
[72] HOGGARTH, ANDREW, GB
[72] HARDY, CRAIG, GB
[72] ALBIZURI, ANDER, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
[85] 2017-02-07
[86] 2015-08-07 (PCT/GB2015/052300)
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[25] EN
[54] **METHODS FOR DECONVOLUTION OF MIXED CELL POPULATIONS USING GENE EXPRESSION DATA**
[54] **PROCEDES POUR LA DECONVOLUTION DE POPULATIONS CELLULAIRES MELANGEES A L'AIDE DES DONNEES D'EXPRESSION GENIQUE**
[72] DANAHER, PATRICK JOHN, US
[71] NANOSTRING TECHNOLOGIES, INC., US
[85] 2017-02-07
[86] 2015-08-04 (PCT/US2015/043609)
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[25] EN
[54] **GENETIC TARGETING IN NON-CONVENTIONAL YEAST USING AN RNA-GUIDED ENDONUCLEASE**
[54] **CIBLAGE GENETIQUE DANS UNE LEVURE NON CLASSIQUE A L'AIDE D'UNE ENDONUCLEASE GUIDEE PAR ARN**
[72] FRISCH, RYAN, US
[72] FAN, XIAOCHUN, US
[72] HONG, SEUNG-PYO, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
[54] **CHIMERIC POLYPEPTIDES HAVING XYLOSE ISOMERASE ACTIVITY**
[54] **POLYPEPTIDES CHIMERIQUES AYANT UNE ACTIVITE DE XYLOSE ISOMERASE**
[72] FROEHLICH, ALLAN, US
[72] HENNINGSEN, BROOKS, US
[71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
[85] 2017-02-03
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[51] **Int.Cl. C12N 1/19 (2006.01) C07K 14/195 (2006.01) C07K 14/37 (2006.01) C07K 14/395 (2006.01) C12N 9/90 (2006.01) C12N 15/31 (2006.01) C12N 15/61 (2006.01) C12N 15/81 (2006.01) C12P 7/06 (2006.01) C12P 19/00 (2006.01)**
[25] EN
[54] **MUTATIONS IN IRON-SULFUR CLUSTER PROTEINS THAT IMPROVE XYLOSE UTILIZATION**
[54] **MUTATIONS DANS DES PROTEINES DU GROUPE FER-SOUFRE QUI AMELIORENT L'UTILISATION DU XYLOSE**
[72] FROEHLICH, ALLAN, US
[72] HENNINGSEN, BROOKS, US
[72] COVALLA, SEAN, US
[72] ZELLE, RINTZE M., US
[71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
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[25] EN
[54] **VEGETABLE-BASED SLICES FOR IMPROVED NUTRITION AND METHODS OF MAKING**
[54] **TRANCHES A BASE DE LEGUMES POUR UNE MEILLEURE ALIMENTATION ET PROCEDES DE FABRICATION**
[72] PLUMMER, CHRISTOPHER, US
[71] PLUMMER, CHRISTOPHER, US
[85] 2017-02-09
[86] 2015-08-05 (PCT/US2015/043738)
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[25] EN
[54] **PRODUCTION OF A PELLETED RUMINANT ANIMAL FEED**
[54] **PRODUCTION D'ALIMENTS GRANULES POUR ANIMAUX RUMINANTS**
[72] THOMSON, WILLIAM ANDERSON MCCOLL, GB
[72] HARLEY, BRYAN PATRICK, GB
[71] HARBRO LIMITED, GB
[85] 2017-02-09
[86] 2015-08-14 (PCT/GB2015/052372)
[87] (WO2016/024136)
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[25] EN
[54] **MOUTH COOLER**
[54] **REFROIDISSEUR DE BOUCHE**
[72] BERG, JON, SE
[72] WALEIJ, MARTIN, SE
[72] JONTELL, MATS, SE
[71] BRAINCOOL AB, SE
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[86] 2015-08-11 (PCT/EP2015/068498)
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[25] EN
[54] **NOVEL ANTIBODIES DIRECTED TO FC GAMMA RECEPTOR IIB AND FC EPSILON RECEPTOR**
[54] **NOUVEAUX ANTICORPS DIRIGES CONTRE LE RECEPTEUR FC GAMMA IIB ET LE RECEPTEUR FC EPSILON**
[72] CARLE, ANNA, DE
[72] DIRENBERGER, CAROLIN, DE
[72] SONDERMANN, PETER, DE
[72] MUELLER, MARTINA, DE
[72] RIETH, NICOLE, DE
[72] POHL, THOMAS, DE
[71] SUPPREMOL GMBH, DE
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[25] EN
[54] **A METHOD OF CREATING BATCHES FOR FOOD ITEMS CONVEYED BY A CONVEYOR MEANS**
[54] **PROCEDE DE CREATION DE LOTS D'ARTICLES ALIMENTAIRES TRANSPORTES PAR UN MOYEN DE TRANSPORT**
[72] PETERSEN, STEEN KARLSKOV, DK
[72] MORTENSEN, BIRGIT, DK
[72] VUHOLM, JESPER AGARD, DK
[71] MAREL A/S, DK
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[25] EN
[54] **PRODUCTION OF FULLY PROCESSED AND FUNCTIONAL FACTOR X IN A FURIN-SECRETING MAMMALIAN EXPRESSION SYSTEM**
[54] **PRODUCTION DE FACTEUR X FONCTIONNEL ENTIEREMENT TRAITE DANS UN SYSTEME D'EXPRESSION DE MAMMIFERE SECRETANT DE LA FURINE**
[72] BOHM, ERNST, AT
[72] HORLING, FRANZISKA, AT
[72] KOEHN, JADRANKA, AT
[72] DOCKAL, MICHAEL, AT
[71] BAXALTA INCORPORATED, US
[71] BAXALTA GMBH, CH
[85] 2017-02-13
[86] 2015-08-12 (PCT/US2015/044883)
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[25] EN
[54] **METHOD AND APPARATUS OF FLASH-COOLING PRODUCED WATER AND HEATING STEAM GENERATORFEEDWATER**
[54] **PROCEDE ET DISPOSITIF POUR LE REFROIDISSEMENT INSTANTANE D'EAU PRODUITE ET LE CHAUFFAGE D'EAU D'ALIMENTATION DE GENERATEUR DE VAPEUR**
[72] PATTERSON, MARK, US
[71] VEOLIA WATER TECHNOLOGIES, INC., US
[85] 2017-02-13
[86] 2015-07-31 (PCT/US2015/043199)
[87] (WO2016/025195)
[30] US (62/036,708) 2014-08-13

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[25] EN
[54] **COMPOSITION, METHODS AND DEVICES USEFUL FOR MANUFACTURING OF IMPLANTABLE ARTICLES**
[54] **COMPOSITION, PROCEDES ET DISPOSITIFS UTILES POUR LA FABRICATION D'ARTICLES IMPLANTABLES**
[72] WROBLESKY, KAYLA, US
[72] GABRIELE, PETER D., US
[72] HARRIS, JEREMY J., US
[72] SMOOT, CARISSA, US
[72] NICHOLSON, CHARLES BRENDAN, US
[72] ROBERTSON, AUSTIN, US
[72] DONNELLY, JULIA, US
[71] THE SECANT GROUP, LLC, US
[85] 2017-02-13
[86] 2015-08-14 (PCT/US2015/045337)
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[30] US (62/037,425) 2014-08-14
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[51] **Int.Cl. B01J 8/06 (2006.01) F02C 6/00 (2006.01)**
[25] EN
[54] **PROCESS AND INSTALLATION FOR THE PARALLEL GENERATION OF MECHANICAL POWER AND MANUFACTURE OF HYDROCARBONS**
[54] **PROCEDE ET INSTALLATION DE GENERATION D'ENERGIE MECANIQUE ET DE PRODUCTION D'HYDROCARBURES EN PARALLELE**
[72] BRUDER, DAVID, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-02-14
[86] 2015-09-02 (PCT/EP2015/070090)
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[25] EN
[54] **TREATMENT OF CANCER USING A GFR ALPHA-4 CHIMERIC ANTIGEN RECEPTOR**
[54] **TRAITEMENT DU CANCER A L'AIDE DU RECEPTEUR D'ANTIGENE CHIMERIQUE GFR ALPHA-4**
[72] SIEGEL, DONALD L., US
[72] MILONE, MICHAEL C., US
[72] BHOJ, VIJAY, US
[71] NOVARTIS AG, CH
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[25] EN
[54] **HYDRAULIC FRACTURING APPLICATIONS EMPLOYING MICROENERGETIC PARTICLES**
[54] **APPLICATIONS DE FRACTURATION HYDRAULIQUE UTILISANT DES PARTICULES MICROENERGETIQUES**
[72] GUPTA, D. V., US
[72] LAFOLLETTE, RANDAL F., US
[71] BAKERS HUGHES INCORPORATED, US
[85] 2017-02-16
[86] 2015-08-21 (PCT/US2015/046304)
[87] (WO2016/029118)
[30] US (62/040,441) 2014-08-22
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[25] EN
[54] **FILTRATION SYSTEM FOR USE IN A GAS TURBINE ENGINE ASSEMBLY AND METHOD OF ASSEMBLING THEREOF**
[54] **SYSTEME DE FILTRATION A UTILISER DANS UN ENSEMBLE MOTEUR A TURBINE A GAZ ET SON PROCEDE D'ASSEMBLAGE**
[72] TAYLOR, ROBERT WARREN, US
[72] HINER, STEPHEN DAVID, GB
[72] BRYANT, PAUL SHERWOOD, GB
[71] BHA ALTAIR, LLC, US
[85] 2017-02-16
[86] 2015-10-05 (PCT/US2015/054030)
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[25] EN
[54] **PROTEIN/OLIGONUCLEOTIDE CORE-SHELL NANOPARTICLE THERAPEUTICS**
[54] **THERAPEUTIQUES EN NANOPARTICULES COEUR/COQUILLE PROTEINE/OLIGONUCLEOTIDE**
[72] MIRKIN, CHAD A., US
[72] BRODIN, JEFFREY D., US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2017-02-15
[86] 2015-08-19 (PCT/US2015/045971)
[87] (WO2016/028940)
[30] US (62/039,340) 2014-08-19
[30] US (62/039,608) 2014-08-20
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[25] EN
[54] **PASTA WITH REDUCED GLUTEN**
[54] **PATES ALIMENTAIRES A TENEUR REDUITE EN GLUTEN**
[72] VLATIS, ROULA, AU
[71] GENERAL MILLS, INC., US
[85] 2017-02-17
[86] 2015-08-03 (PCT/IB2015/055870)
[87] (WO2016/027191)
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[25] EN
[54] **2'-CHLORO AMINOPYRIMIDINONE AND PYRIMIDINE DIONE NUCLEOSIDES**
[54] **NUCLEOSIDES DE 2'-CHLORO-AMINOPYRIMIDINONE ET PYRIMIDINE DIONE**
[72] CLARKE, MICHAEL O'NEIL HANRAHAN, US
[72] MACKMAN, RICHARD L., US
[72] SIEGEL, DUSTIN, US
[71] GILEAD SCIENCES, INC., US
[85] 2017-02-17
[86] 2015-08-19 (PCT/US2015/045849)
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[25] EN
[54] **BIOCOMPATIBLE INFINITE COORDINATION POLYMER NANOPARTICLE-NUCLEIC ACID CONJUGATES FOR ANTISENSE GENE REGULATION**
[54] **CONJUGUES ACIDE NUCLEIQUE-NANOPARTICULES POLYMERES A COORDINATION INFINIE BIOCOMPATIBLES POUR LA REGULATION DE GENE ANTISENS**
[72] MIRKIN, CHAD A., US
[72] CALABRESE, COLIN MICHAEL, US
[72] BRILEY, WILLIAM E., US
[72] MERKEL, TIMOTHY J., US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2017-02-17
[86] 2015-08-20 (PCT/US2015/046075)
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[51] **Int.Cl. A22B 3/08 (2006.01) A22C 25/08 (2006.01)**
[25] EN
[54] **FISH-STUNNING APPARATUS, TRIGGER UNIT AND METHOD FOR INITIATING THE STUNNING MEANS OF THE FISH-STUNNING DEVICE**
[54] **DISPOSITIF D'ENGOURDISSEMENT DE POISSON, MODULE DE DECLENCHEMENT AINSI QUE PROCEDE POUR LIBERER L'AGENT D'ENGOURDISSEMENT DU DISPOSITIF D'ENGOURDISSEMENT DE POISSONS**
[72] KING, GRAEME NEVILLE, AU
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
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[25] EN
[54] **SELF-CONTAINED ANAEROBIC CULTURE DEVICE FOR SULFATE-REDUCING MICROORGANISMS**
[54] **DISPOSITIF AUTO-CONTENU DE CULTURE ANAEROBIE DE MICRO-ORGANISMES REDUCTEURS DE SULFATE**
[72] BRUTINEL, EVAN D., US
[72] BJORK, JASON W., US
[72] STANENAS, ADAM J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-02-17
[86] 2015-08-19 (PCT/US2015/045795)
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[30] US (62/039,638) 2014-08-20
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[51] **Int.Cl. A61L 17/10 (2006.01) A61L 17/06 (2006.01) A61L 17/12 (2006.01) A61L 17/14 (2006.01) A61L 31/00 (2006.01)**
[25] EN
[54] **SELF-RETAINING SUTURES OF POLY-4-HYDROXYBUTYRATE AND COPOLYMERS THEREOF**
[54] **SUTURES AUTO-RETENTIVE DE POLY-4-HYDROXYBUTYRATE ET DE COPOLYMERES DE CELUI-CI**
[72] RIZK, SAID, US
[72] WILLIAMS, SIMON F., US
[71] TEPHA, INC., US
[85] 2017-02-13
[86] 2015-08-07 (PCT/US2015/044280)
[87] (WO2016/025329)
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[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/0612 (2016.01)**
[25] EN
[54] **MULTI-REFORMABLE FUEL DELIVERY SYSTEMS AND METHODS FOR FUEL CELLS**
[54] **SYSTEMES ET PROCEDES D'ALIMENTATION EN COMBUSTIBLE MULTI-REFORMABLE POUR PILES A COMBUSTIBLE**
[72] DEWALD, PAUL, US
[72] FINNERTY, CAINE, US
[71] WATT FUEL CELL CORP, US
[85] 2017-02-14
[86] 2015-08-14 (PCT/US2015/045257)
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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **MODIFIED DOUBLE-STRANDED RNA AGENTS**
[54] **AGENTS D'ARN DOUBLE BRIN MODIFIE**
[72] MAIER, MARTIN, US
[72] FOSTER, DON, US
[72] MILSTEIN, STUART, US
[72] KUCHIMANCHI, SATYA, US
[72] JADHAV, VASANT, US
[72] RAJEEV, KALLANTHOTTATHIL, US
[72] MANOHARAN, MUTHIAH, US
[72] PARMAR, RUBINA, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2017-02-15
[86] 2015-08-14 (PCT/US2015/045407)
[87] (WO2016/028649)
[30] US (62/039,507) 2014-08-20
[30] US (62/083,744) 2014-11-24
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[51] **Int.Cl. E21B 34/10 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **INTERNAL SUBSURFACE SAFETY VALVE FOR ROTATING DOWNHOLE PUMPS**
[54] **SOUPAPE DE SURETE INTERNE SOUS LA SURFACE POUR POMPES DE FOND DE TROU TOURNANTES**
[72] GRUBERT, MARCEL A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-02-15
[86] 2015-08-17 (PCT/US2015/045469)
[87] (WO2016/053488)
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[51] **Int.Cl. C08G 63/12 (2006.01) C09D 167/00 (2006.01)**
[25] FR
[54] **BIOBASED HYDROXYL OR CARBOXYL POLYESTER RESINS**
[54] **RESINES POLYESTERS HYDROXYLES OU CARBOXYLES BIOSOURCEES**
[72] DELMAS, GREGORY, FR
[72] RIONDEL, ALAIN, FR
[72] COGORDAN, FRANK, FR
[72] OZERAY, HERVE, FR
[71] ARKEMA FRANCE, FR
[85] 2017-02-20
[86] 2015-09-10 (PCT/FR2015/052407)
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[25] FR
[54] **SPECIFIC METHOD FOR PREPARING BIOBASED POLYESTERS**
[54] **PROCEDE SPECIFIQUE DE PREPARATION DE POLYESTERS BIOSOURCES**
[72] COGORDAN, FRANK, FR
[72] OZERAY, HERVE, FR
[72] RIONDEL, ALAIN, FR
[71] ARKEMA FRANCE, FR
[85] 2017-02-20
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[51] **Int.Cl. B23P 6/00 (2006.01) B21J 15/50 (2006.01) B29C 73/06 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **REPAIR OF AN ASSEMBLY COMPRISING A MAIN BODY AND A REINFORCEMENT**
[54] **REPARATION D'UN ASSEMBLAGE COMPRENANT UN CORPS PRINCIPAL ET UN RENFORT**
[72] QUEANT, DIDIER, FR
[72] MAGNAUDEIX, DOMINIQUE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-02-21
[86] 2015-08-20 (PCT/FR2015/052242)
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[30] FR (1458072) 2014-08-28

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[51] **Int.Cl. C22C 1/03 (2006.01) C22C 5/04 (2006.01) C22C 33/06 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A PGM-ENRICHED ALLOY**
[54] **PROCEDE DE PRODUCTION D'UN ALLIAGE ENRICHI EN METAUX DU GROUPE DU PLATINE**
[72] RITSCHEL, NORBERT, US
[72] TAYLOR, JIMMY, US
[72] ENGLAND, TODD, US
[72] PETERS, BRIAN, US
[72] STOFFNER, FELIX, DE
[72] ROHLICH, CHRISTOPH, DE
[72] VOSS, STEFFEN, DE
[72] WINKLER, HOLGER, DE
[71] HERAEUS DEUTSCHLAND GMBH & CO. KG, DE
[71] HERAEUS PRECIOUS METALS NORTH AMERICA LLC., US
[85] 2017-02-21
[86] 2016-04-25 (PCT/EP2016/059154)
[87] (WO2017/001081)
[30] US (62/186,649) 2015-06-30

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[51] **Int.Cl. B01F 7/18 (2006.01) B01F 7/24 (2006.01) B01F 15/00 (2006.01) B28C 5/12 (2006.01)**
[25] EN
[54] **MIXING APPARATUS**
[54] **APPAREIL DE MELANGE**
[72] JOBLING, JOHN EDWARD, GB
[71] CHALLENGING INNOVATION LIMITED, GB
[85] 2017-02-21
[86] 2015-08-21 (PCT/GB2015/000247)
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[25] EN
[54] **NONAQUEOUS ELECTROLYTE COMPOSITIONS COMPRISING SULTONE AND FLUORINATED SOLVENT**
[54] **COMPOSITIONS D'ELECTROLYTE NON-AQUEUSES COMPRENANT UNE SULTONE ET UN SOLVANT FLUORE**
[72] BURKHARDT, STEPHEN E., US
[72] KOURTAKIS, KOSTANTINOS, US
[72] LIU, JUN J., US
[72] ROELOFS, MARK GERRIT, US
[72] KIM, SANG-HWAN, US
[71] SOLVAY SA, BE
[85] 2017-02-13
[86] 2015-08-12 (PCT/US2015/044844)
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[30] US (62/037,246) 2014-08-14

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[25] EN
[54] **PEPTIDE FOR TREATMENT OF TYPE 2 DIABETES MELLITUS AND ITS COMPLICATIONS**
[54] **PEPTIDE POUR LE TRAITEMENT DU DIABETE SUCRE DE TYPE 2 ET DE SES COMPLICATIONS**
[72] TITOV, MIKHAIL IVANOVICH, RU
[72] ELISEEV, IVAN IVANOVICH, RU
[72] MAKAROV, VALERY GENNADYEVICH, RU
[72] MAKAROVA, MARINA NIKOLAEVNA, RU
[72] SHEKUNOVA, ELENA VASILYEVNA, RU
[72] KASHKIN, VLADIMIR ALEKSANDROVICH, RU
[71] LAPHOT ENTERPRISES LIMITED, CY
[85] 2017-02-21
[86] 2015-08-04 (PCT/IB2015/001614)
[87] (WO2016/027157)
[30] RU (2014134341) 2014-08-21

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[51] **Int.Cl. A61K 31/4985 (2006.01) A61K 31/4375 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TRICYCLIC NITROGEN CONTAINING COMPOUNDS FOR TREATING NEISSERIA GONORRHOEA INFECTION**
[54] **COMPOSES CONTENANT DE L'AZOTE TRICYCLIQUE POUR LE TRAITEMENT DE L'INFECTION A NEISSERIA GONORRHOEAE**
[72] WIDDOWSON, KATHERINE LOUISA, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-02-21
[86] 2015-08-20 (PCT/IB2015/056325)
[87] (WO2016/027249)
[30] US (62/040,488) 2014-08-22

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[51] **Int.Cl. C12Q 1/68 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS FOR ASSESSING HOMOLOGOUS RECOMBINATION DEFICIENCY**
[54] **PROCEDES ET MATERIAUX PERMETTANT D'EVALUER UNE DEFICIENCE DE RECOMBINAISON HOMOLOGUE**
[72] ABKEVICH, VICTOR, US
[72] TIMMS, KIRSTEN, US
[72] GUTIN, ALEXANDER, US
[72] REID, JULIA, US
[71] MYRIAD GENETICS, INC., US
[85] 2017-02-13
[86] 2015-08-17 (PCT/US2015/045561)
[87] (WO2016/025958)
[30] US (62/037,764) 2014-08-15
[30] US (14/507,412) 2014-10-06

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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/10 (2006.01) A61K 31/704 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TARGETED DELIVERY OF HYDROPHILIC DRUGS**
[54] **ADMINISTRATION CIBLEE DE MEDICAMENTS HYDROPHILES**
[72] LOKOT, IGOR, SE
[71] DOUBLE BOND PHARMACEUTICALS AB, SE
[85] 2017-02-21
[86] 2015-09-09 (PCT/SE2015/000055)
[87] (WO2016/039678)
[30] SE (1400427-9) 2014-09-10

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[13] A1
[51] **Int.Cl. B64D 27/24 (2006.01) H02K 11/33 (2016.01) B64C 27/14 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC DISTRIBUTED DIRECT DRIVE FOR AIRCRAFT**
[54] **ENTRAINEMENT DIRECT DISTRIBUE ELECTROMAGNETIQUE POUR AERONEF**
[72] CHRETIEN, PASCAL, AU
[71] CHRETIEN, PASCAL, AU
[85] 2017-02-21
[86] 2015-08-07 (PCT/EP2015/068229)
[87] (WO2016/030168)
[30] AU (2014903429) 2014-08-28
[30] AU (2014903430) 2014-08-29

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[51] **Int.Cl. F03D 80/00 (2016.01) A01M 29/32 (2011.01) A01K 37/00 (2006.01) A01K 45/00 (2006.01) G01V 8/10 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **BIRD OR BAT DETECTION AND IDENTIFICATION FOR WIND TURBINE RISK MITIGATION**
[54] **DETECTION ET IDENTIFICATION D'OISEAU OU DE CHAUVE-SOURIS POUR ATTENUATION DE RISQUE D'EOLIENNE**
[72] WENGER, ERIC S., US
[72] OLIVER, ANDREW G., US
[72] BABBITT, VICTOR L., US
[71] IDENTIFLIGHT, LLC, US
[85] 2017-02-21
[86] 2015-08-19 (PCT/US2015/045945)
[87] (WO2016/028922)
[30] US (62/040,081) 2014-08-21
[30] US (14/829,403) 2015-08-18

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[25] EN
[54] **IMAGING ARRAY FOR BIRD OR BAT DETECTION AND IDENTIFICATION**
[54] **RESEAU D'IMAGERIE POUR DETECTION ET IDENTIFICATION D'OISEAUX OU DE CHAUVES-SOURIS**
[72] WENGER, ERIC S., US
[72] OLIVER, ANDREW G., US
[72] BABBITT, VICTOR L., US
[72] HIESTER, THOMAS R., US
[71] IDENTIFLIGHT, LLC, US
[85] 2017-02-21
[86] 2015-08-19 (PCT/US2015/045949)
[87] (WO2016/028924)
[30] US (62/040,081) 2014-08-21
[30] US (14/829,439) 2015-08-18

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[25] EN
[54] **GRAPHICAL DISPLAY FOR BIRD OR BAT DETECTION AND IDENTIFICATION**
[54] **AFFICHAGE GRAPHIQUE POUR DETECTION ET IDENTIFICATION D'OISEAUX OU DE CHAUVE-SOURIS**
[72] HIESTER, THOMAS R., US
[71] IDENTIFLIGHT, LLC, US
[85] 2017-02-21
[86] 2015-08-19 (PCT/US2015/045950)
[87] (WO2016/028925)
[30] US (62/040,081) 2014-08-21
[30] US (14/829,465) 2015-08-18

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[51] **Int.Cl. C12N 15/81 (2006.01) A23L 33/19 (2016.01) A23C 9/00 (2006.01) A23C 9/16 (2006.01) A23C 9/20 (2006.01) A23C 11/00 (2006.01) A23C 15/00 (2006.01) A23C 19/00 (2006.01) A23J 1/20 (2006.01) A23J 3/10 (2006.01) C07K 14/47 (2006.01) C12N 1/19 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING A CASEIN AND METHODS OF PRODUCING THE SAME**
[54] **COMPOSITIONS COMPRENANT UNE CASEINE ET PROCEDES DE PRODUCTION DE CELLES-CI**
[72] PANDYA, RYAN, US
[72] GANDHI, PERUMAL, US
[72] JI, SHAOWEN, US
[72] BEAUCHAMP, DEREK, US
[72] HOM, LOUIS, US
[71] PERFECT DAY, INC., US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046428)
[87] (WO2016/029193)
[30] US (62/040,393) 2014-08-21

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[13] A1
[51] **Int.Cl. A01D 34/73 (2006.01)**
[25] EN
[54] **QUICK CHANGE LAWN MOWER BLADES**
[54] **LAME DE TONDEUSE A CHANGEMENT RAPIDE**
[72] LADD, TIMOTHY, JR., US
[72] HOBRATH, GARY, US
[72] SCHAEDLER, AXEL, US
[72] MILLIFF, BRIAN, US
[71] MTD PRODUCTS INC, US
[85] 2017-02-21
[86] 2015-09-08 (PCT/US2015/048946)
[87] (WO2016/037184)
[30] US (62/046,303) 2014-09-05
[30] US (62/171,518) 2015-06-05

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[13] A1
[51] **Int.Cl. C12M 3/10 (2006.01) C12M 3/00 (2006.01) C12N 7/00 (2006.01) A23J 1/00 (2006.01)**
[25] EN
[54] **EGG DECAPPING APPARATUS, AND ASSOCIATED METHOD**
[54] **APPAREIL D'OUVERTURE D'OEUFS, ET PROCEDE ASSOCIE**
[72] FEDEROWICZ, JOSEPH, US
[71] ZOETIS SERVICES LLC, US
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[54] **SYSTEME DE BATTERIE REDOX D'ACIDE DE SULFATE TOUT EN VANADIUM**
[72] NIE, ZIMIN, US
[72] WANG, WEI, US
[72] WEI, XIAOLIANG, US
[72] LI, BIN, US
[72] LIU, JUN, US
[72] SPRENKLE, VINCENT L., US
[71] BATTELLE MEMORIAL INSTITUTE, US
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[54] **AUTOMATIC COUPLING DEVICE**
[54] **DISPOSITIF DE COUPLAGE AUTOMATIQUE**
[72] BETTIO, STEFANO, IT
[71] REXSITT ITALIA S.R.L., IT
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[54] **URBAN OR INDUSTRIAL VACUUM CLEANER**
[54] **ASPIRATEUR URBAIN OU INDUSTRIEL**
[72] BUDDEKER, FRANCK, BE
[72] LANGOUCHE, JEAN-BENOIT, BE
[72] LANGE, CHRISTIAN, BE
[71] LANGE CHRISTIAN SA, BE
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[25] EN
[54] **METHOD FOR THE PROPHYLACTIC TREATMENT OF A FOOD PRODUCT SILO**
[54] **PROCEDE POUR LE TRAITEMENT PROPHYLACTIQUE DE SILO POUR PRODUITS ALIMENTAIRES**
[72] PATAT, OLIVIER, FR
[72] PASCAL, JEAN-PHILIPPE, FR
[71] SOLVAY SA, BE
[85] 2017-02-22
[86] 2015-09-04 (PCT/EP2015/070227)
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[54] **RECONFIGURABLE BEVERAGE PREPARATION MACHINE**
[54] **MACHINE DE PREPARATION DE BOISSONS RECONFIGURABLE**
[72] KOLLEP, ALEXANDRE, CH
[72] JACQUET, REMY, CH
[71] NESTEC S.A., CH
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[54] **FUEL NOZZLE BODY**
[54] **CORPS DE BUSE DE COMBUSTIBLE**
[72] BECK, CHRISTIAN, DE
[72] BOTTCHER, ANDREAS, DE
[72] GRANDT, CHRISTOPHER, DE
[72] HAUSER, THOMAS, DE
[72] LAPP, PATRICK, DE
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[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PRESSURE OPERATED VALVE ASSEMBLY**
[54] **ENSEMBLE VANNE ACTIONNE PAR PRESSION**
[72] PURKIS, DANIEL GEORGE, GB
[71] WEATHERFORD U.K. LIMITED, GB
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[25] EN
[54] **APPARATUS AND METHODS FOR MECHANICALLY COUPLING A SEALING SYSTEM AROUND THE OPENING TO AN UNDERGROUND BOREHOLE**
[54] **APPAREIL ET PROCEDES POUR LE COUPLAGE MECANIQUE D'UN SYSTEME D'ETANCHEIFICATION AUTOUR DE L'OUVERTURE D'UN TROU DE FORAGE SOUTERRAIN**
[72] DUGAS, AARON WILLIAM, US
[72] DURIO, KENNETH EDWARD, US
[72] MCDOWELL, JAMES KERWIN, US
[72] BORDELON, RANDY PAUL, US
[72] EDWARDS, RICHARD LAMAR, JR., US
[71] NEWPARK MATS & INTEGRATED SERVICES LLC, US
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[54] **OPTICAL FIBER CABLE WITH PRINT PROTECTIVE OUTER SURFACE PROFILE**
[54] **CABLE A FIBRE OPTIQUE AVEC PROFIL DE SURFACE EXTERIEURE DE PROTECTION D'IMPRESSION**
[72] BLAZER, BRADLEY JEROME, US
[72] BOOKBINDER, DANA CRAIG, US
[72] CHIASSON, DAVID WESLEY, CA
[72] DODD, ANDREW S., US
[72] HAWTOF, DANIEL WARREN, US
[72] SMITH, DAVID HENRY, US
[72] TEMPLE, KENNETH DARRELL, JR., US
[72] TUTTLE, RANDALL DWAINE, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[25] EN
[54] **OXYGEN SENSOR COOLING DUCT**
[54] **CONDUITE DE REFROIDISSEMENT DE CAPTEUR D'OXYGENE**
[72] MINNICHSOFFER, WAYNE L., US
[72] PARSONS, JEREMY B., US
[71] ARCTIC CAT INC., US
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[25] EN
[54] **DISINFECTANT COMPOSITION CONTAINING QUATERNARY AMMONIUM COMPOUNDS**
[54] **COMPOSITION DESINFECTANTE CONTENANT DES COMPOSES D'AMMONIUM QUATERNAIRE**
[72] LEI, DEQING, US
[72] SWEENY, PHILIP, US
[71] LONZA, INC., US
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[54] **AGENT DE SOUTENEMENT DURCISSABLE A BASSE TEMPERATURE**
[72] RAPPOLT, JAMES J., US
[71] DUREZ CORPORATION, US
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[54] **LIQUID LAUNDRY DETERGENT COMPOSITION**
[54] **COMPOSITION LIQUIDE DE DETERGENT A LESSIVE**
[72] HULSKOTTER, FRANK, DE
[72] SCIALLA, STEFANO, IT
[72] LOUGHNANE, BRIAN JOSEPH, US
[72] WAUN, AMY EICHSTADT, US
[72] EBERT, SOPHIA ROSA, DE
[72] LUDOLPH, BJOERN, DE
[72] WIGBERS, CHRISTOF, DE
[72] MAAS, STEFFEN, DE
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **DEVICE FOR MOUNTING SKIS ON A BICYCLE TRAILER**
[54] **DISPOSITIF PERMETTANT DE POSER DES SKIS SUR UNE REMORQUE DE BICYCLETTE**
[72] GEHLEN, ANDREAS, DE
[71] CROOZER GMBH, DE
[85] 2017-02-23
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[25] EN
[54] **COLD ROLLED HIGH STRENGTH LOW ALLOY STEEL**
[54] **ACIER FAIBLEMENT ALLIE HAUTE RESISTANCE LAMINE A FROID**
[72] MCEWAN, CALUM, NL
[72] BELLINA, PAUL, NL
[72] CAMPANIELLO, JEAN JOSEPH, NL
[72] BOEZEWINKEL, JOHAN, NL
[72] ENNIS, BERNARD LEO, NL
[71] TATA STEEL IJMUIDEN B.V., NL
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[25] EN
[54] **BICYCLE TRAILER WITH INTEGRATED LIGHTING**
[54] **REMORQUE DE BICYCLETTE AVEC ECLAIRAGE INTEGRE**
[72] SCHMITT, FABIEN YANNICK, GB
[72] COURT, NIGEL TIMOTHY, GB
[72] PLEVNIK, MARKO, GB
[72] LACY, GRAHAM KEITH, GB
[71] CROOZER GMBH, DE
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[25] EN
[54] **INHALABLE POWDER FORMULATIONS OF ALGINATE OLIGOMERS**
[54] **FORMULATIONS DE POUDRE INHALABLE D'OLIGOMERES D'ALGINATE**
[72] NYAMBURA, BILDAD, GB
[72] BAKLE, ANAND, GB
[72] DESSEN, ARNE, NO
[71] ALGIPHARMA AS, NO
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[54] **USE OF ELSIGLUTIDE TO TREAT GASTROINTESTINAL MUCOSITIS INCLUDING CHEMOTHERAPY-INDUCED DIARRHEA**
[54] **UTILISATION D'ELSIGLUTIDE POUR TRAITER LA MUCOSITE GASTRO-INTESTINALE, Y COMPRIS LA DIARRHEE INDUITE PAR LA CHIMIOTHERAPIE**
[72] GIORGINO, RUBEN, CH
[72] RONCORONI, SIMONA, IT
[72] CALCAGNILE, SELMA, IT
[72] TRENTO, FABIO, IT
[72] SPEZIA, RICCARDO, IT
[72] MORESINO, CECILIA, CH
[72] KNUDSEN, CARSTEN BOYE, DK
[71] HELSINN HEALTHCARE SA, CH
[71] ZEALAND PHARMA A/S, DK
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[54] **PROCEDE POUR ELIMINER DU SODIUM DE SOLUTIONS DE CHLORURE**
[72] KOTIRANTA, TUUKKA, FI
[72] VALKAMA, KARI, FI
[71] OUTOTEC (FINLAND) OY, FI
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[54] **PANNEAU DE SOL POUR LA REALISATION D'UN REVETEMENT**
[72] CEYSSON, OLIVIER, FR
[72] CHAMMAS, BERTRAND, FR
[71] GERFLOR, FR
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[54] **INSTRUMENT DE COUPE DE TUYAU DE PUITS ELECTROCHIMIQUE**
[72] CRABEIL, JEAN - PAUL, FR
[72] WALRAVE, THIERRY, FR
[72] FREMONT, JEREMY, FR
[72] BITTNER, MICHEL, FR
[72] BALLUS, MONICA, FR
[71] FLODIM, SARL, FR
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[54] **SWIRL STABILIZED HIGH CAPACITY DUCT BURNER**
[54] **BRULEUR PLAN A HAUTE CAPACITE A TOURBILLONNEMENT STABILISE**
[72] LONDERVILLE, STEPHEN, US
[71] JOHN ZINK COMPANY, LLC, US
[85] 2017-02-23
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[25] EN
[54] **SEAL DESIGNS FOR MULTICOMPONENT BIPOLAR PLATES OF AN ELECTROCHEMICAL CELL**
[54] **CONCEPTIONS DE JOINT D'ETANCHEITE POUR PLAQUES BIPOLAIRES A PLUSIEURS ELEMENTS D'UNE CELLULE ELECTROCHIMIQUE**
[72] DOMIT, EDWARD, US
[72] BLANCHET, SCOTT, US
[72] VAN BOEYEN, ROGER, US
[72] BEVERAGE, KEVIN, US
[71] NUVERA FUEL CELLS, LLC, US
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[25] EN
[54] **LOW NOX TURBINE EXHAUST FUEL BURNER ASSEMBLY**
[54] **ENSEMBLE DE BRULEUR DE CARBURANT D'ECHAPPEMENT DE TURBINE A FAIBLE EMISSION DE NOX**
[72] WHELAN, MATT, US
[71] JOHN ZINK COMPANY, LLC, US
[85] 2017-02-23
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[25] EN
[54] **LUBRICATING COMPOSITION WITH SEALS COMPATIBILITY**
[54] **COMPOSITION LUBRIFIANTE COMPATIBLE AVEC LES JOINTS D'ETANCHEITE**
[72] ZHANG, YANSHI, US
[72] HANTHORN, JASON J., US
[72] DELBRIDGE, EWAN E., US
[71] THE LUBRIZOL CORPORATION, US
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[25] EN
[54] **FOAMED PEROXIDE MODIFIED LINEAR LOW DENSITY POLYETHYLENE COMPOSITIONS AND METHODS FOR MAKING FOAMED COMPOSITIONS THEREOF**
[54] **COMPOSITIONS DE POLYETHYLENE BASSE DENSITE LINEAIRE MODIFIE PAR UN PEROXYDE EXPANSE ET PROCEDES DE FABRICATION DES COMPOSITIONS EXPANSEES CORRESPONDANTES**
[72] PUJARI, SASWATI, US
[72] KMIEC, CHESTER J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-02-23
[86] 2015-08-06 (PCT/US2015/043908)
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[54] **SYSTEME DE LAVAGE DE VEHICULE COMMERCIAL DE SITE ACTIF**
[72] BELANGER, MICHAEL J., US
[72] PRATER, CURTIS S., US
[71] BELANGER, INC., US
[85] 2017-02-23
[86] 2015-08-20 (PCT/US2015/045992)
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[30] US (14,687,704) 2015-04-15
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[54] **AIRCRAFT TIRE PRESSURE SENSOR RESONANT LOOP LINK**
[54] **LIAISON DE BOUCLES RESONANTES DE CAPTEUR DE PRESSION DE PNEU D'AERONEF**
[72] LAMPING, JEFF, US
[72] GONIODSKY, IGAL, US
[71] ELDEC CORPORATION, US
[85] 2017-02-23
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[30] US (14/469,087) 2014-08-26

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[25] EN
[54] **ETHYLENE-BASED RESINS FOR CLOSURE APPLICATIONS**
[54] **RESINES A BASE D'ETHYLENE POUR APPLICATIONS DE FERMETURE**
[72] KAPUR, MRIDULA, US
[72] WHITED, STEPHANIE M., US
[72] JABLONKA, MARK T., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-02-23
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[30] US (62/043,761) 2014-08-29

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[25] EN
[54] **ANTI-VANDALISM PADLOCK**
[54] **CADENAS ANTI-VANDALISME**
[72] PELAEZ, ALEJANDRO ESTEBAN, AR
[71] PELAEZ, ALEJANDRO ESTEBAN, AR
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[30] AR (P20140103255) 2014-08-29

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[54] **HANGER FOR AN UMBILICALLY DEPLOYED ELECTRICAL SUBMERSIBLE PUMPING SYSTEM**
[54] **DISPOSITIF DE SUSPENSION POUR SYSTEME DE POMPAGE SUBMERSIBLE ELECTRIQUE DEPLOYE DE MANIERE OMBILICALE**
[72] ROTH, BRIAN A., SA
[72] XIAO, JINJIANG, SA
[72] LASTRA, RAFAEL, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[25] EN
[54] **SYSTEM AND METHOD FOR EVALUATING A CARDIAC SYSTEM BY DETERMINING MINIMUM RATIO PD/PA (DISTAL PRESSURE / ARTERIAL PRESSURE)**
[54] **SYSTEME ET PROCEDE POUR EVALUER UN SYSTEME CARDIAQUE PAR DETERMINATION D'UN RAPPORT MINIMAL PD/PA (PRESSION DISTALE/PRESSION ARTERIELLE)**
[72] SVANERUDH, JOHAN, SE
[71] ST. JUDE MEDICAL SYSTEMS AB, SE
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[54] **A FLOATING-BEARING MOTOR PUMP COOLED BY A CIRCULATING FLUID**
[54] **POMPE A MOTEUR A PALIER FLOTTANT REFROIDIE PAR FLUIDE CIRCULANT**
[72] ZANOTTO FILHO, PLINIO LUIZ, BR
[71] MUNDIAL S/A PRODUTOS DE CONSUMO, BR
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[54] **DISPENSER FOR INTERFOLDED NAPKINS**
[54] **DISTRIBUTEUR POUR SERVIETTES ENTREPLIEES**
[72] LARSSON, BJORN, SE
[72] LUNDGREN, JAN, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2017-02-24
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[25] EN
[54] **MULTILAYER RADIATION-CURABLE COATING FOR INDOOR AND OUTDOOR APPLICATION**
[54] **REVETEMENT MULTICOUCHE DURCISSABLE PAR RAYONNEMENT POUR APPLICATION INTERIEURE ET EXTERIEURE**
[72] VAN WIJHE, MARIE LOUISE, NL
[72] BROOKHUIS, RAINIER, NL
[72] KLOCK, WIM, NL
[72] VAN DER WAAL, PIETER HENDRIK, NL
[72] WALGIEN, ROLF, NL
[72] FEIMA, NICO, NL
[72] FIETEN, BRAM, NL
[71] VAN WIJHE BEHEER B.V., NL
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[25] EN
[54] **HIGH STRENGTH PRODUCTS EXTRUDED FROM 6XXX ALUMINIUM ALLOYS HAVING EXCELLENT CRASH PERFORMANCE**
[54] **PRODUITS A RESISTANCE ELEVEE EXTRUDES A PARTIR D'ALLIAGES D'ALUMINIUM 6XXX AYANT UNE EXCELLENTE RESISTANCE A L'ECRASEMENT**
[72] SKUBICH, ALEXIS, CH
[72] JARRETT, MARTIN, GB
[71] CONSTELLIUM VALAIS SA (LTD), CH
[71] CONSTELLIUM SINGEN GMBH, DE
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[25] EN
[54] **TELLURATE JOINING GLASS HAVING PROCESSING TEMPERATURES LESS THAN OR EQUAL TO 420 C**
[54] **VERRE D'ASSEMBLAGE A BASE DE TELLURATE AYANT DES TEMPERATURES DE TRAITEMENT = 420 C**
[72] GODEKE, DIETER, DE
[72] SRINIVASAN, SRIDHARAN, US
[71] FERRO GMBH, DE
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[54] **AUBE DE TURBINE A EPAISSEUR ASYMETRIQUE**
[72] MUNTS, EDWIN ALBERT, NL
[71] IHC HOLLAND IE B.V., NL
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[54] **METHOD AND SYSTEM FOR IDENTIFICATION OF SOURCE OF CHRONIC PAIN AND TREATMENT**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION DE SOURCE DE DOULEUR CHRONIQUE, ET TRAITEMENT**
[72] SCHEPIS, ERIC A., US
[72] SCHORR, PHILLIP A., US
[72] WHITE, JOSHUA D., US
[71] AVENT, INC., US
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[54] **CONTROLLED WELL PUMPING AND DISTRIBUTION SYSTEM**
[54] **SYSTEME DE POMPAGE ET DE DISTRIBUTION DE PUITS REGULE**
[72] LISK, MIKE, US
[71] LISK, MIKE, US
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[54] **SYSTEME DE VISEE ESCAMOTABLE**
[72] DUMONT, VINCENT, BE
[72] DELVAUX, PHILIPPE, BE
[71] COCKERILL MAINTENANCE & INGENIERIE S.A., BE
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[54] **APPARATUS FOR CARRYING OUT A TIDAL PERITONEAL DIALYSIS TREATMENT**
[54] **DISPOSITIF DE TRAITEMENT PAR DIALYSE PERITONEALE A FLUX ET REFLUX**
[72] WOLF, KLAUS, DE
[72] GRIESSMANN, ERIK, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
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[25] EN
[54] **SYSTEM AND METHOD FOR PREPARING A PHARMACEUTICAL COMPOUND**
[54] **SYSTEME ET PROCEDE DE PREPARATION D'UN COMPOSE PHARMACEUTIQUE**
[72] SANDMANN, CHRISTIAN, US
[72] THOMAS, MATT, US
[72] MURRAY, CHRIS, US
[72] HANKE, CHRISTIAN, AT
[72] HOERNER, HELMUT, AT
[72] TANNEN, ROBERT, US
[72] TURPAULT, MATHIEU, US
[72] WITT, ERIK KURT, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-02-28
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[25] FR
[54] **LIGHT-EMITTING DIODE LIGHTING DEVICE COMPRISING A LIGHT COMPATIBLE WITH THE USE OF NIGHT VISION BINOCULARS AND COMPRISING A LIGHT GUIDE**
[54] **DISPOSITIF D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES COMPORTANT UN ECLAIRAGE COMPATIBLE DE L'UTILISATION DE JUMELLES DE VISION NOCTURNE ET COMPRENANT UN GUIDE DE LUMIERE**
[72] PETITDEMANGE, ARNAUD, FR
[72] PELLETIER, SEBASTIEN, FR
[72] ROLS, OLIVIER, FR
[72] MOZER, LAURENT, FR
[71] THALES, FR
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[54] **TUMOR DEBULKER**
[54] **REDUCTEUR TUMORAL**
[72] NGUYEN, THOAI, US
[72] BERMAN, PHILLIP J., US
[72] OLIVER, DANA A., US
[72] SHADECK, LOUIS M., US
[71] MEDTRONIC XOMED, INC., US
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[54] **SCREEN VIBRATION FOR REDUCING SPECKLE**
[54] **VIBRATION D'ECRAN PERMETTANT DE REDUIRE UN CHATOIEMENT**
[72] DILULLO, MARK, US
[72] CURTIS, KEVIN R., US
[72] MCKNIGHT, DOUGLAS J., US
[71] REALD INC., US
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[54] **REAL-TIME LOCATION SHARING TO FACILITATE A PHYSICAL MEET-UP**
[54] **PARTAGE D'EMPLACEMENT EN TEMPS REEL POUR FACILITER UNE RENCONTRE PHYSIQUE**
[72] WOOLSEY, KERRY, US
[72] HAMMERQUIST, PETER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[86] 2015-09-10 (PCT/US2015/049339)
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[25] EN
[54] **GENERATING A CUSTOMIZED HIGHLIGHT SEQUENCE DEPICTING ONE OR MORE EVENTS**
[54] **GENERATION D'UNE SEQUENCE DE MOMENTS FORTS PERSONNALISEE DECRIVANT UN OU PLUSIEURS EVENEMENTS**
[72] PACKARD, WARREN, US
[72] LYTHCOTT-HAIMS, DAN, US
[72] LEVIN, ALAN, CA
[72] KANYGIN, DENNIS, US
[71] THUUZ, INC., US
[85] 2017-03-02
[86] 2015-10-05 (PCT/US2015/054062)
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[25] EN
[54] **CUSTOMIZED GENERATION OF HIGHLIGHT SHOW WITH NARRATIVE COMPONENT**
[54] **GENERATION PERSONNALISEE D'UNE COLLECTION DE MOMENTS FORTS AYANT UNE COMPOSANTE NARRATIVE**
[72] PACKARD, WARREN, US
[72] KANYGIN, DENNIS, US
[72] TOOR, JORDAN, US
[72] LYTHCOTT-HAIMS, DAN, US
[72] LEVIN, ALAN, CA
[71] THUUZ, INC., US
[85] 2017-03-02
[86] 2015-10-08 (PCT/US2015/054773)
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[54] **CIRCUITS DE RECEPTION MULTIFREQUENCE SIMULTANEE**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
[72] PINZONE, JOSEPH F., US
[71] CPG TECHNOLOGIES, LLC, US
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[25] FR
[54] **MECHANISM FOR DRIVING MEMBERS FOR ADJUSTING THE ORIENTATION OF BLADES**
[54] **MECANISME D'ENTRAINEMENT D'ORGANES DE REGLAGE DE L'ORIENTATION DES PALES**
[72] SEBRECHT, PIERRE-ALAIN FRANCIS CLAUDE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **COUPLEMETRE HYDRAULIQUE**
[72] HOUSSAYE, LAURENT, FR
[71] SAFRAN HELICOPTER ENGINES, FR
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[51] **Int.Cl. H04M 3/22 (2006.01) H04M 3/523 (2006.01) H04Q 3/64 (2006.01) G08B 13/194 (2006.01)**
[25] EN
[54] **CONTACT CENTER ANTI-FRAUD MONITORING, DETECTION AND PREVENTION SOLUTION**
[54] **SOLUTION DE SURVEILLANCE, DE DETECTION ET DE PREVENTION ANTI-FRAUDE DE CENTRE D'APPELS**
[72] DAVIS, EVAN, US
[72] FELLING, MITCH, US
[72] HARDY, LYLE, US
[71] TELEPERFORMANCE SE, FR
[85] 2017-03-02
[86] 2015-09-02 (PCT/US2015/048160)
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[54] **GEOLOCATION WITH GUIDED SURFACE WAVES**
[54] **GEOLOCALISATION AVEC DES ONDES DE SURFACE GUIDEES**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
[72] PINZONE, JOSEPH F., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2017-03-02
[86] 2015-09-09 (PCT/US2015/049236)
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[54] **CAPACITE ISOLEE CHIMIQUEMENT AMELIOREE**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2017-03-02
[86] 2015-09-09 (PCT/US2015/049064)
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[54] **GUIDED SURFACE WAVE POWERED SENSING DEVICES**
[54] **DISPOSITIFS DE DETECTION ALIMENTES PAR ONDES DE SURFACE GUIDEES**
[72] CORUM, KENNETH L., US
[72] CORUM, JAMES F., US
[72] PINZONE, JOSEPH F., US
[72] D'AURELIO, MICHAEL J., US
[71] CPG TECHNOLOGIES, LLC, US
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[86] 2015-09-10 (PCT/US2015/049497)
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[54] **SUPERPOSITION OF GUIDED SURFACE WAVES ON LOSSY MEDIA**
[54] **SUPERPOSITION D'ONDES DE SURFACE GUIDEES SUR DES MILIEUX A PERTE**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2017-03-02
[86] 2015-09-10 (PCT/US2015/049509)
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[30] US (62/049,319) 2014-09-11
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[51] **Int.Cl. F03D 80/40 (2016.01) F03D ~~80/60 (2016.01)~~**
[25] EN
[54] **ANTI-ICING AND DEICING METHOD AND DEVICE FOR HIGH-POWER WIND TURBINE BLADES**
[54] **PROCEDE ET DISPOSITIF ANTI-GIVRAGE ET DE DEGIVRAGE POUR PALES D'EOLIENNES DE FORTE PUISSANCE**
[72] ZHAO, JIANGANG, CN
[72] YANG, WENTAO, CN
[72] PENG, CHAOYI, CN
[72] ZENG, JINGCHENG, CN
[72] HOU, BINBIN, CN
[72] JIN, JIAOTONG, CN
[72] LI, XIAO, CN
[71] ZHUZHOU TIMES NEW MATERIALS TECHNOLOGY CO., LTD, CN
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[25] EN
[54] **MEASURING DEVICE TO BE PLACED ON SUPPORTING SURFACES OF OBJECTS BEING MEASURED**
[54] **APPAREIL DE MESURE DESTINE A ETRE POSE SUR DES SURFACES DE SOUTIEN D'OBJETS A MESURER**
[72] LYSEN, HEINRICH, DE
[72] LOSL, JOHANN, DE
[71] PRUFTECHNIK DIETER BUSCH AG, DE
[85] 2017-03-03
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[25] EN
[54] **ANALYZING AORTIC VALVE CALCIFICATION**
[54] **ANALYSE DE LA CALCIFICATION D'UNE VALVULE AORTIQUE**
[72] WEESE, JUERGEN, NL
[72] GROTH, ALEXANDRA, NL
[72] PETERS, JOCHEN, NL
[72] WACHTER-STEHLE, IRINA, NL
[72] MOLLUS, S/ BINE, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 20/20 (2012.01)**
[25] FR
[54] **PROCEDE DE DETECTION D'UN RISQUE DE SUBSTITUTION D'UN TERMINAL, DISPOSITIF, PROGRAMME ET SUPPORT D'ENREGISTREMENT CORRESPONDANTS**
[54] **METHOD FOR DETECTING A RISK FOR THE SUBSTITUTION OF A TERMINAL, AND CORRESPONDING DEVICE, PROGRAMME AND RECORDING MEDIUM**
[72] NACCACHE, DAVID, FR
[72] QUENTIN, PIERRE, FR
[71] INGENICO GROUP, FR
[85] 2017-03-10
[86] 2015-09-15 (PCT/EP2015/071129)
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[54] **GESTION DE TRANSACTIONS BASEE SUR JOURNAL EVOLUTIF**
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[72] POL, PARIKSHIT S., US
[72] RATH, TIMOTHY ANDREW, US
[72] COLE, TIMOTHY DANIEL, US
[72] MUNISWAMY-REDDY, KIRAN-KUMAR, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **CREDIT CARD WITH BUILT-IN SENSOR FOR FRAUD DETECTION**
[54] **CARTE DE CREDIT DOTEE D'UN DETECTEUR INTEGRE POUR LA DETECTION DE FRAUDES**
[72] KURAPATI, KAUSHAL, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-03-10
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[54] **DATA STORAGE MEDIUM WITH TWO-DIMENSIONAL LIGHT SOURCE**
[54] **SUPPORT DE DONNEES AVEC SOURCE DE LUMIERE PLANE**
[72] KLUGE, STEFAN, DE
[71] GIESECKE & DEVRIENT GMBH, DE
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[54] **CARD BODY FOR A DATA CARRIER AND INLAY FOR A PARTIAL CARD BODY**
[54] **CORPS DE CARTE POUR UN SUPPORT DE DONNEES ET COUCHE INTERNE POUR UN SOUS-CORPS DE CARTE**
[72] KLUGE, STEFAN, DE
[71] GIESECKE & DEVRIENT GMBH, DE
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[25] EN
[54] **METHOD FOR DEVELOPING MACHINE OPERATION CLASSIFIER USING MACHINE LEARNING**
[54] **PROCEDE DE DEVELOPPEMENT DE CLASSIFICATEUR DE FONCTIONNEMENT DE MACHINE AU MOYEN D'UN APPRENTISSAGE AUTOMATIQUE**
[72] HODEL, BENJAMIN, US
[72] KIM, SANGKYUM, US
[72] LEE, PAUL, US
[71] CATERPILLAR INC., US
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[54] **DISPLAY WITH EYE-DISCOMFORT REDUCTION**
[54] **AFFICHAGE A REDUCTION D'INCONFORT OCULAIRE**
[72] FULLAM, SCOTT, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-03-13
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[54] **PARTITIONED APPLICATION PRESENTATION ACROSS DEVICES**
[54] **PRESENTATION D'APPLICATION DIVISEE SUR PLUSIEURS DISPOSITIFS**
[72] THRELKELD, ELIZABETH FAY, US
[72] STAUBER, WILLIAM SCOTT, US
[72] MIKKOLA, PETTERI, US
[72] MORAN, KERI KRUSE, US
[72] KHOURY, ISSA Y., US
[72] CROSS, BRIAN DAVID, US
[72] DAVIS, DARREN RAY, US
[72] SEGA, GIORGIO FRANCESCO, US
[72] SHIPLEY, KENTON ALLEN, US
[72] BALASUBRAMANIAN, RAMRAJPRABU, US
[72] DERKS, PATRICK, US
[72] RAHMAN, MOHAMMED KALEEMUR, US
[72] PENDLAY, RYAN CHANDLER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **PRESENTATION OF COMPUTING ENVIRONMENT ON MULTIPLE DEVICES**
[54] **PRESENTATION D'UN ENVIRONNEMENT INFORMATIQUE SUR PLUSIEURS DISPOSITIFS**
[72] THRELKELD, ELIZABETH FAY, US
[72] STAUBER, WILLIAM SCOTT, US
[72] MIKKOLA, PETTERI, US
[72] MORAN, KERI KRUSE, US
[72] KHOURY, ISSA Y., US
[72] DAVIS, DARREN RAY, US
[72] SEGA, GIORGIO FRANCESCO, US
[72] SHIPLEY, KENTON ALLEN, US
[72] BALASUBRAMANIAN, RAMRAJPRABU, US
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[72] RAHMAN, MOHAMMED KALEEMUR, US
[72] PENDLAY, RYAN CHANDLER, US
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[54] **WET INK PREDICTOR**
[54] **PREDICTEUR D'ENCRE HUMIDE**
[72] TU, XIAO, US
[72] XIONG, FEI, US
[72] LIN, JIANFENG, US
[72] POON, PATRICK JEE-AN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **METHOD OF AUTO-DETECTION OF AN ATTEMPTED PIRACY OF AN ELECTRONIC PAYMENTCARD, CORRESPONDING CARD, TERMINAL AND PROGRAM**
[54] **PROCEDE D'AUTO-DETECTION D'UNE TENTATIVE DE PIRATAGE D'UNE CARTE ELECTRONIQUE DE PAIEMENT, CARTE, TERMINAL ET PROGRAMME CORRESPONDANTS**
[72] NACCACHE, DAVID, FR
[72] MAYER, LAURENT, FR
[71] INGENICO GROUP, FR
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[54] **PROCEDE ET SYSTEME PERMETTANT L'ANALYSE DU SOL**
[72] CARTWRIGHT, TIMOTHY B., US
[71] FLORATINE PRODUCTS GROUP, INC., US
[85] 2017-03-13
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[54] **INTEGRATIONS PORTAL FOR A PEER-TO-PEER GAME PLATFORM**
[54] **PORTAIL D'INTEGRATIONS POUR UNE PLATEFORME DE JEU PAIR-A-PAIR**
[72] PARADISE, ANDREW, US
[72] ZOGRAFOS, DENNIS, US
[71] SKILLZ INC., US
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[54] **SUPPORTS POUR CULTIVER UN ORGANISME, UTILISATIONS DESDITS SUPPORTS ET METHODES DE CULTURE ET D'EPURATION UTILISANT CES SUPPORTS**
[72] HUBERT, YOHAN, FR
[71] SOUS LES FRAISES SAS, FR
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[54] **CONNECTING ASSEMBLY FOR A CORRUGATED TUBE**
[54] **SYSTEME DE LIAISON POUR UN TUBE ONDULE**
[72] GIROLA, ANDREAS ENRICO, CH
[71] FRANKISCHE INDUSTRIAL PIPES GMBH & CO. KG, DE
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[54] **DRYER FABRIC**
[54] **TOILE SECHEUSE**
[72] ENQVIST, RAUNO, FI
[72] LIITOLA, AIRA, FI
[71] VALMET TECHNOLOGIES OY, FI
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[54] **GUIDE D'INSERTION DE BROCHE GLENOIDE AJUSTABLE**
[72] EASH, CHRISTOPHER, US
[72] KEHRES, CLINTON E., US
[71] BIOMET MANUFACTURING, LLC, US
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[54] **ULTRASONIC TIP FOR ULTRASONIC INSTRUMENT AND METHOD OF DENTAL TREATMENT WITH SAID ULTRASONIC TIP**
[54] **POINTE A ULTRASONS POUR INSTRUMENT A ULTRASONS ET PROCEDE DE TRAITEMENT DENTAIRE AVEC LADITE POINTE A ULTRASONS**
[72] YASUSHI, YODA, JP
[72] RUELLAN, VIANNEY, FR
[72] RICHER, JEAN-MICHEL, FR
[71] SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES, FR
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[54] **IMPROVED PLUG**
[54] **BOUCHON AMELIORE**
[72] OAG, JAMIE, GB
[72] YOUNGER, RAE, GB
[71] SPEX SERVICES LIMITED, GB
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[54] **ARC POUR ARBALETE**
[72] DZIEKAN, MARCIN, PL
[71] DZIEKAN, MARCIN, PL
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[54] **CASQUE DE PROTECTION**
[72] STAUDINGER, PETER, AT
[71] ROSENBAUER INTERNATIONAL AG, AT
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[54] **CATHETER SYSTEMS AND METHODS FOR RE-ENTRY IN BODY VESSELS WITH CHRONIC TOTAL OCCLUSION**
[54] **SYSTEMES DE CATHETER ET PROCEDES PERMETTANT DE RE-ENTRER DANS DES VAISSEAUX CORPORELS AVEC OCCLUSION TOTALE CHRONIQUE**
[72] MAJERCAK, DAVID C., US
[71] CORDIS CORPORATION, US
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[54] **ENDOPROTHESE AYANT UNE COURBURE PREDEFINIE FORMEE PAR TROIS ATTACHES**
[72] MAJERCAK, DAVID C., US
[71] CORDIS CORPORATION, US
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[54] **ENSEMBLE DESTINE A CONTENIR DES OUTILS**
[72] MATHEWS, WILLIAM J., JR., US
[71] D B INDUSTRIES, LLC, US
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[54] **ENDOPHYTES BACTERIENS POUR LA LUTTE BIOLOGIQUE DE CHAMPIGNONS**
[72] RAIZADA, MANISH N., CA
[72] JOHNSTON MONJE, DAVID, US
[72] LYONS, ERIC, CA
[72] SERLEMITSOS JORDAN, KATERINA, CA
[72] SHEHATA, HANAN, CA
[71] UNIVERSITY OF GUELPH, CA
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[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR DETECTING AN EVOKED RESPONSE SIGNAL**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR DETECTER UN SIGNAL DE REPONSE EVOQUEE**
[72] ROWLANDS, STEPHEN ALLAN, CA
[72] KURTZ, ISAAC (DECEASED), CA
[72] STEINMAN, AARON, CA
[71] VIVOSONIC INC., CA
[85] 2017-03-22
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[54] **COMBINATION THERAPY OF BISPECIFIC ANTIBODIES SPECIFIC FOR FAP AND DR5 AND CHEMOTHERAPEUTIC AGENTS**
[54] **TRAITEMENT COMBINE D'ANTICORPS BISPECIFIQUES SPECIFIQUES DE FAP ET DR5 ET AGENTS CHIMIOTHERAPEUTIQUES**
[72] FRIESS, THOMAS, DE
[72] KRIETER, OLIVER, DE
[72] MAJETY, MEHER, DE
[72] WARTHA, KATHARINA, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
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[54] **STEERING DEVICE FOR A DICTATION MACHINE**
[54] **DISPOSITIF DE PILOTAGE DESTINE A UN DICTAPHONE**
[72] HORNDL, MANFRED, AT
[72] DIKME, UFUK, AT
[72] SCHNEIDER, GERHARD, AT
[71] SPEECH PROCESSING SOLUTIONS GMBH, AT
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[25] EN
[54] **ELECTROLYTIC CELL FOR PRODUCTION OF ORGANIC CHEMICAL HYDRIDES**
[54] **CELLULES ELECTROLYTIQUE POUR LA PRODUCTION D'HYDRURES CHIMIQUES ORGANIQUES**
[72] MITSUSHIMA SHIGENORI, JP
[72] TAKAKUWA YASUTOMO, JP
[72] NISHIKI YOSHINORI, JP
[72] KATO AKIHIRO, JP
[72] MANABE AKIYOSHI, JP
[71] NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY, JP
[71] DE NORA PERMELEC LTD., JP
[85] 2017-03-21
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[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR PROVIDING IMPROVED PERFORMANCE OF AGGREGATED/BONDED NETWORK CONNECTIONS WITH MULTIPROTOCOL LABEL SWITCHING**
[54] **SYSTEME, APPAREIL ET PROCEDE POUR OFFRIR DES PERFORMANCES AMELIOREES DE CONNEXIONS RESEAU AGREGEES/LIEES A COMMUTATION MULTIPROTOCOLE PAR ETIQUETTE**
[72] SAAVEDRA, PATRICIO HUMBERTO, CA
[71] TELOIP INC., CA
[85] 2017-03-16
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[25] EN
[54] **METHOD FOR PRODUCING TRIPHENYLBUTENE DERIVATIVE**
[54] **PROCEDE DE PRODUCTION DE DERIVE DE TRIPHENYLBUTENE**
[72] OKAMOTO, KAZUYA, JP
[72] UENO, TATSUHIKO, JP
[72] TOYOTA, TAKASHI, JP
[72] SATOU, YUUSUKE, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2017-03-15
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[54] **SATELLITE RECEIVER OPTION FOR CERTIFICATE DISTRIBUTION**
[54] **OPTION DE RECEPTEUR DE SIGNAUX DE SATELLITE POUR DISTRIBUTION DE CERTIFICAT**
[72] MARKO, PAUL, US
[72] VADEKAR, ASHOK, CA
[72] MICHALSKI, RICHARD, US
[72] RINDSBERG, MARK, US
[71] SIRIUS XM RADIO INC., US
[85] 2017-03-15
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[30] US (62/050,751) 2014-09-15
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[25] EN
[54] **LIGNIN-BASED WATERPROOF COATING**
[54] **REVETEMENT ETANCHE A BASE DE LIGNINE**
[72] EDYE, LESLIE ALLAN, AU
[72] TIETZ, ALBERT JOHN, AU
[71] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU
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[87] (WO2015/054736)
[30] AU (2013904015) 2013-10-18

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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 23/00 (2006.01) E21B 33/124 (2006.01)**
[25] EN
[54] **FLOW CONTROL VALVE**
[54] **ROBINET DE REGLAGE DE DEBIT**
[72] SARGENT, SHANE, CA
[72] MCCARTHY, MATTHEW, CA
[72] BORSCHNECK, SEAN, CA
[71] STEELHAUS TECHNOLOGIES INC., CA
[85] 2017-03-16
[86] 2015-09-18 (PCT/CA2015/050922)
[87] (WO2016/041091)
[30] US (62/052,347) 2014-09-18

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[51] **Int.Cl. A61K 31/352 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CANNABINOID COATINGS FOR USE IN DRUG DELIVERY**
[54] **COMPOSITIONS ET PROCEDES D'ENROBAGES EN CANNABINOIDES UTILISES DANS L'ADMINISTRATION DE MEDICAMENTS**
[72] TAHA, ASHRAF, US
[71] MEDIPATH, INC., US
[85] 2017-03-16
[86] 2015-08-24 (PCT/US2015/046579)
[87] (WO2016/029215)
[30] US (62/040,613) 2014-08-22

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[51] **Int.Cl. B01J 21/00 (2006.01) C07C 7/163 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE CONVERSION OF METHANE TO METHANOL**
[54] **PROCEDES ET CATALYSEURS DE CONVERSION DE METHANE EN METHANOL**
[72] ELGAMMAL, RAMEZ, US
[71] GOOD STUFF, LLC, US
[85] 2017-03-16
[86] 2014-09-17 (PCT/US2014/056111)
[87] (WO2016/043736)

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[51] **Int.Cl. C23C 14/06 (2006.01) B21D 37/01 (2006.01) B21D 37/20 (2006.01)**
[25] EN
[54] **LAMINATED HARD COATING AND MOLDING DIE**
[54] **REVETEMENT DUR STRATIFIE ET MATRICE DE MOULAGE**
[72] YAMAMOTO, KENJI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2017-03-16
[86] 2015-09-15 (PCT/JP2015/076204)
[87] (WO2016/047508)
[30] JP (2014-193885) 2014-09-24
[30] JP (2014-266487) 2014-12-26

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[51] **Int.Cl. E21B 43/08 (2006.01) E21B 21/00 (2006.01)**
[25] EN
[54] **ANGLED PARTIAL STRAINER PLATES FOR WELL ASSEMBLY**
[54] **PLAQUES INCLINEES DE FILTRATION PARTIELLE POUR ENSEMBLE DE PUITS**
[72] ROGERS, HENRY EUGENE, US
[72] STAIR, TODD ANTHONY, US
[72] MERICAS, CHRIS JAMES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-21
[86] 2014-10-28 (PCT/US2014/062691)
[87] (WO2016/068885)

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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 38/17 (2006.01) A61K 38/18 (2006.01) A61P 7/06 (2006.01) C07K 16/22 (2006.01)**
[25] EN
[54] **METHODS FOR INCREASING RED BLOOD CELL LEVELS AND TREATING SICKLE-CELL DISEASE**
[54] **PROCEDES D'AUGMENTATION DES TAUX DE GLOBULES ROUGES ET DE TRAITEMENT DE LA DREPANOCYTOSE**
[72] KUMAR, RAVINDRA, US
[72] SURAGANI, NAGA VENKATA SAI RAJASEKHAR, US
[71] ACCELERON PHARMA, INC., US
[85] 2017-03-16
[86] 2015-04-17 (PCT/US2015/026415)
[87] (WO2015/161220)
[30] US (61/981,519) 2014-04-18
[30] US (61/984,393) 2014-04-25
[30] US (62/011,482) 2014-06-12
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[30] US (62/088,374) 2014-12-05

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[51] **Int.Cl. B23C 5/10 (2006.01)**
[25] EN
[54] **MULTI-FLUTE BALL END MILL**
[54] **FRAISE A BOUT SPHERIQUE A GORGES MULTIPLES**
[72] SAKAI, SHINJIROH, JP
[72] YOKOKAWA, MITSUHIRO, JP
[72] SATOU, TOMOHIRO, JP
[71] MITSUBISHI HITACHI TOOL ENGINEERING, LTD., JP
[85] 2017-03-16
[86] 2015-10-26 (PCT/JP2015/080073)
[87] (WO2016/068064)
[30] JP (2014-219718) 2014-10-28

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[13] A1
[51] **Int.Cl. C12N 15/82 (2006.01)**
[25] EN
[54] **METHODS FOR REPRODUCING PLANTS ASEXUALLY AND COMPOSITIONS THEREOF**
[54] **PROCEDES POUR REPRODUIRE DES PLANTES DE MANIERE ASEXUEE ET COMPOSITIONS CORRESPONDANTES**
[72] LAWIT, SHAI J., US
[72] ALBERTSEN, MARC C., US
[72] FOX, TIM, US
[72] GORDON-KAMM, WILLIAM, US
[72] VAN ALLEN, MICHELLE M., US
[72] CALZADA, JEAN-PHILIPPE VIELLE, MX
[72] ROSILLO, CARLOS BARRAGAN, MX
[72] AREVALO, EDGAR DEMESA, MX
[72] CHAVEZ, CARLOS GONZALEZ, MX
[72] LAGANA, ELVIRA HEMANDEZ, MX
[72] MARTINEZ, GLORIA LEON, MX
[72] LEON, NIDIA SANCHEZ, MX
[72] LEAL, DANIEL RODRIGUEZ, MX
[72] AREVALO, ISAAC RODRIGUEZ, MX
[72] CALZADA, JAIME PADILLA, MX
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] CENTRO DE INVESTIGACION Y DE ESTUDIOS AVANZADOS DEL INSTITUTO POLITECNICO NACIONAL (CINVESTAV), MX
[85] 2017-03-21
[86] 2015-09-21 (PCT/US2015/051260)
[87] (WO2016/048909)
[30] US (62/053,587) 2014-09-22

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) H04W 60/00 (2009.01) H04L 29/02 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS, SYSTEM AND MEDIA FOR TRANSMITTING MESSAGES BETWEEN NETWORKED DEVICES IN DATA COMMUNICATION WITH A LOCAL NETWORK ACCESS POINT**
[54] **PROCEDE, APPAREIL, SYSTEME ET SUPPORTS SERVANT A TRANSMETTRE DES MESSAGES ENTRE DES DISPOSITIFS EN RESEAU EN COMMUNICATION DE DONNEES AVEC UN POINT D'ACCES DE RESEAU LOCAL**
[72] LYOTIER, JOHN GARY, CA
[72] ISLAM, AKM RAKIBUL, BD
[72] JENSEN, CHRISTOPHER MARK, CA
[71] LEFT OF THE DOT MEDIA INC., CA
[85] 2017-03-22
[86] 2015-09-22 (PCT/CA2015/000503)
[87] (WO2016/044919)
[30] US (62/053,652) 2014-09-22

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[13] A1
[51] **Int.Cl. A61K 31/496 (2006.01) A61K 45/06 (2006.01) C07D 261/20 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF TYROSINE KINASE INHIBITORS AND THEIR SALTS**
[54] **FORMES CRISTALLINES D'INHIBITEURS DE LA TYROSINE KINASE ET LEURS SELS**
[72] WU, JAY JIE-QIANG, US
[72] WANG, LING, US
[71] MUNDIPHARMA INTERNATIONAL CORPORATION LIMITED, BM
[85] 2017-03-16
[86] 2015-09-02 (PCT/US2015/048123)
[87] (WO2016/043975)
[30] US (62/051,698) 2014-09-17

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[51] **Int.Cl. H04L 29/06 (2006.01) H04L 9/08 (2006.01)**
[25] EN
[54] **SECURE NODE-TO-MULTINODE COMMUNICATION**
[54] **COMMUNICATION DE N□UD A N□UDS MULTIPLES SECURISEE**
[72] REVELL, ELISE, SE
[71] KELISEC AB, SE
[85] 2017-03-16
[86] 2015-09-04 (PCT/SE2015/050940)
[87] (WO2016/048217)
[30] SE (1451121-6) 2014-09-23

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[51] **Int.Cl. B62D 11/08 (2006.01) B62D 51/04 (2006.01)**
[25] EN
[54] **WALK BEHIND POWER EQUIPMENT WITH ZERO TURN CAPABILITY**
[54] **EQUIPEMENT A MOTEUR AUTOTRACTE AVEC CAPACITE DE BRAQUAGE NULLE**
[72] MANDEVILLE, KENNETH, US
[72] MODZIK, ANDY, US
[72] LAMBERT, MATT, US
[72] FANCHER, ROBERT, US
[72] BAKER, DAVID, US
[71] HUSQVARNA AB, SE
[85] 2017-03-22
[86] 2015-09-24 (PCT/IB2015/057357)
[87] (WO2016/046783)
[30] US (62/056,025) 2014-09-26

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **STEEL MATERIAL AND EXPANDABLE OIL COUNTRY TUBULAR GOODS**
[54] **MATERIAU EN ACIER ET TUYAU EN ACIER DE PUITS DE PETROLE DESTINE A LA DILATATION**
[72] KOBAYASHI, KENJI, JP
[72] TOMIO, YUSAKU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-22
[86] 2015-09-18 (PCT/JP2015/076739)
[87] (WO2016/052271)
[30] JP (2014-198783) 2014-09-29

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[13] A1
[51] **Int.Cl. G06T 17/10 (2006.01)**
[25] EN
[54] **MEDIAL AXIS TRANSFORMATION AS A SOLID MODELING REPRESENTATION METHOD FOR COMPUTER AIDED DESIGN SOFTWARE**
[54] **TRANSFORMATION D'AXE MEDIAN EN TANT QUE PROCEDE DE REPRESENTATION DE MODELISATION D'UN SOLIDE POUR LOGICIEL DE CONCEPTION ASSISTEE PAR ORDINATEUR**
[72] LAZAR, MIHAI-BOGDAN, CH
[72] STROUD, IAN ANTHONY, CH
[72] XIROUCHAKIS, PAUL, CH
[72] GOUALARD, GUILLAUME, CH
[72] BARRAS, FLORIAN, CH
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH
[85] 2017-03-22
[86] 2015-09-24 (PCT/IB2015/057359)
[87] (WO2016/046785)
[30] IB (PCT/IB2014/064857) 2014-09-26

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/58 (2006.01) C21D 8/02 (2006.01) C21D 8/10 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH STEEL MATERIAL FOR OIL WELL AND OIL COUNTRY TUBULAR GOODS**
[54] **ACIER DE HAUTE RESISTANCE POUR PUITS DE PETROLE, ET CONDUIT DE PUITS DE PETROLE**
[72] KOBAYASHI, KENJI, JP
[72] TOMIO, YUSAKU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-22
[86] 2015-09-28 (PCT/JP2015/077301)
[87] (WO2016/052397)
[30] JP (2014-203076) 2014-10-01

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **DELIVERY OF CONTEXT-SPECIFIC CONTENT TO A MOBILE DEVICE, TRIGGERED BY CHANGES IN THE MOBILE DEVICE'S LOCATION**
[54] **PROCEDE ET SYSTEME DE LIVRAISON DE CONTENU SPECIFIQUE AU CONTEXTE, A UN DISPOSITIF MOBILE, DECLENCHEE PAR DES CHANGEMENTS DE POSITION DU DISPOSITIF MOBILE**
[72] BABB, ZACHARY, US
[72] ROTTER, MATTHEW, US
[72] GRAY, MICHAEL, US
[72] PETER, ALEXANDRA, US
[72] PARKER, NATHANIEL, US
[72] SCHAUS, SCOTT, US
[71] GLOBESHERPA INC., US
[85] 2017-03-22
[86] 2015-09-22 (PCT/US2015/051564)
[87] (WO2016/049093)
[30] US (62/053,783) 2014-09-22
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[13] A1
[51] **Int.Cl. G01N 23/207 (2006.01)**
[25] EN
[54] **RESIDUAL-STRESS MEASUREMENT DEVICE AND RESIDUAL-STRESS MEASUREMENT METHOD**
[54] **DISPOSITIF DE MESURE DE TENSION RESIDUELLE ET PROCEDE DE MESURE DE TENSION RESIDUELLE**
[72] KOBAYASHI, YUJI, JP
[72] MATSUI, AKINORI, JP
[71] SINTOKOGIO, LTD., JP
[85] 2017-03-22
[86] 2015-11-30 (PCT/JP2015/083613)
[87] (WO2016/203672)
[30] JP (2015-123248) 2015-06-18

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[51] **Int.Cl. A61K 45/00 (2006.01)**
[25] EN
[54] **ARTICULAR CARTILAGE REPAIR**
[54] **REPARATION DU CARTILAGE ARTICULAIRE**
[72] GUILAK, FARSHID, US
[72] ESTES, BRADLEY T., US
[72] MOUTOS, FRANKLIN THOMAS, US
[71] CYTEXX THERAPEUTICS, INC., US
[85] 2017-03-22
[86] 2015-09-23 (PCT/US2015/051695)
[87] (WO2016/049166)
[30] US (62/053,883) 2014-09-23

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[51] **Int.Cl. G06N 99/00 (2010.01) H04W 52/04 (2009.01) G01R 21/06 (2006.01)**
[25] EN
[54] **UTILIZING MACHINE LEARNING TO IDENTIFY NON-TECHNICAL LOSS**
[54] **UTILISATION D'UN APPRENTISSAGE AUTOMATIQUE POUR IDENTIFIER UNE PERTE NON TECHNIQUE**
[72] SIEBEL, THOMAS M., US
[72] ABBO, EDWARD Y., US
[72] BEHZADI, HOUMAN, US
[72] BOUSTANI, AVID, US
[72] KRISHNAN, NIKHIL, US
[72] CHIU, KUENLEY, US
[72] OHLSSON, HENRIK, US
[72] POIRIER, LOUIS, US
[72] KOLTER, ZICO, US
[71] C3, INC., US
[85] 2017-03-22
[86] 2015-09-24 (PCT/US2015/052048)
[87] (WO2016/049369)
[30] US (14/495,848) 2014-09-24

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[13] A1
[51] **Int.Cl. H01M 8/24 (2016.01) H01M 8/02 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **SOLID OXIDE FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE A OXYDE SOLIDE**
[72] MORIKAWA, TETSUYA, JP
[72] HOTTA, NOBUYUKI, JP
[71] NGK SPARK PLUG CO., LTD., JP
[85] 2017-03-22
[86] 2015-08-28 (PCT/JP2015/004362)
[87] (WO2016/047048)
[30] JP (2014-192936) 2014-09-22

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[51] **Int.Cl. F42D 1/055 (2006.01) C06C 5/00 (2006.01) F42B 3/00 (2006.01) F42D 3/04 (2006.01) F42D 3/06 (2006.01)**
[25] EN
[54] **METHOD OF THE SHORTEST INTER-HOLE DELAY BLAST AND THE BLASTING AND DELAYING MEANS**
[54] **PROCEDE D'EXPLOSION A RETARD ENTRE DES TROUS LE PLUS COURT, MOYEN D'EXPLOSION ET DE RETARDEMENT**
[72] RYU, IN MU, KR
[72] RYU, NAM SOK, KP
[71] RYU, IN MU, KR
[85] 2017-03-22
[86] 2015-02-09 (PCT/KP2015/000035)
[87] (WO2016/047812)
[30] KP (201413003305) 2014-09-23

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[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TREATING A PSYCHIATRIC DISORDER**
[54] **SYSTEMES ET METHODES DE TRAITEMENT D'UN TROUBLE PSYCHIATRIQUE**
[72] IACOVIELLO, BRIAN M., US
[72] CHARNEY, DENNIS S., US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2017-03-22
[86] 2015-09-23 (PCT/US2015/051791)
[87] (WO2016/049234)
[30] US (62/054,371) 2014-09-23

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[13] A1
[51] **Int.Cl. B67D 7/00 (2010.01)**
[25] EN
[54] **REFUELING SYSTEM AND METHOD FOR SUPPLYING FUEL TO HYDRAULIC FRACTURING EQUIPMENT**
[54] **SYSTEME DE RAVITAILLEMENT ET PROCEDE D'ALIMENTATION D'UN EQUIPEMENT DE FRACTURATION HYDRAULIQUE EN COMBUSTIBLE**
[72] MOFFITT, JR ROY MALCOLM, US
[71] MOFFITT, JR ROY MALCOLM, US
[85] 2017-03-16
[86] 2015-09-16 (PCT/US2015/050530)
[87] (WO2016/044491)
[30] US (62/051,185) 2014-09-16
[30] US (14/856,533) 2015-09-16
[30] US (14/856,518) 2015-09-16

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[13] A1
[51] **Int.Cl. B29B 11/16 (2006.01) B29C 70/10 (2006.01)**
[25] EN
[54] **REINFORCING FIBER SHEET MANUFACTURING APPARATUS**
[54] **PROCEDE DE FABRICATION DE FEUILLE DE FIBRES DE RENFORCEMENT**
[72] TSUJI, HARUHIKO, JP
[72] SUZUKI, TAMOTSU, JP
[72] NOGUCHI, YASUMOTO, JP
[72] SATO, YASUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-03-22
[86] 2015-09-24 (PCT/JP2015/004857)
[87] (WO2016/047141)
[30] JP (2014-194593) 2014-09-25

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **TARGET SEQUENCE DETECTION BY NANOPORE SENSING OF SYNTHETIC PROBES**
[54] **DETECTION DE SEQUENCES CIBLES PAR DETECTION DE NANOPORES DE SONDES SYNTHETIQUES**
[72] MORIN, TREVOR J., US
[72] HELLER, DANIEL A., US
[71] TWO PORE GUYS, INC., US
[85] 2017-03-22
[86] 2015-09-28 (PCT/US2015/052729)
[87] (WO2016/049657)
[30] US (62/056,378) 2014-09-26

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[13] A1
[51] **Int.Cl. B21D 7/06 (2006.01) B21C 37/08 (2006.01) B21D 5/01 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING PRESS-FORMED PRODUCT, AND PRESS-FORMED PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT FORME A LA PRESSE, ET PRODUIT FORME A LA PRESSE**
[72] ISOGAI, EIJI, JP
[72] KOJIMA, NOBUSATO, JP
[72] OKAMOTO, RIKI, JP
[72] MIKAZUKI, YUTAKA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-22
[86] 2015-09-30 (PCT/JP2015/077798)
[87] (WO2016/052644)
[30] JP (2014-205272) 2014-10-03
[30] JP (2015-114974) 2015-06-05

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[13] A1
[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SENSING WATER, DEBRIS OR OTHER EXTRANEOUS OBJECTS ON A DISPLAY SCREEN**
[54] **PROCEDE ET SYSTEME POUR DETECTER DE L'EAU, DES DEBRIS OU D'AUTRES OBJETS ETRANGERS SUR UN ECRAN D'AFFICHAGE**
[72] MCDOUGALL, PAUL, CA
[72] TALUSAN, GEORGE, CA
[72] BEGHIAN, ROBERT, CA
[72] WU, JAMES, CA
[72] HUNTER, TREVOR, CA
[72] MANTHA, RAMESH, CA
[71] RAKUTEN, INC., JP
[85] 2017-03-22
[86] 2015-09-28 (PCT/JP2015/004913)
[87] (WO2016/047153)
[30] US (14/498,661) 2014-09-26
[30] US (14/498,722) 2014-09-26

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[13] A1
[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/07 (2010.01) C12N 5/0775 (2010.01) A01N 1/00 (2006.01) C12M 1/12 (2006.01)**
[25] EN
[54] **USES OF TREHALOSE IN CELL SUSPENSIONS**
[54] **UTILISATIONS DU TREHALOSE DANS DES SUSPENSIONS CELLULAIRES**
[72] WOODS, ERIK JOHN, US
[72] THIRUMALA, SREEDHAR, US
[72] ZACHARIAS, SHELLY J., US
[72] WELTY, MATTHEW B., US
[71] COOK GENERAL BIOTECHNOLOGY LLC, US
[85] 2017-03-22
[86] 2015-09-29 (PCT/US2015/052950)
[87] (WO2016/069173)
[30] US (62/056,842) 2014-09-29

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[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01)**
[25] EN
[54] **PRESSURIZED ANATOMICAL COMPRESSOR FOR KIDNEY DEVICE**
[54] **COMPRESSEUR ANATOMIQUE SOUS PRESSION POUR DISPOSITIF RENAL**
[72] GURU, KHURSHID, US
[72] SAMAR, LAUREN, US
[71] HEALTH RESEARCH, INC., US
[85] 2017-03-22
[86] 2015-09-23 (PCT/US2015/051801)
[87] (WO2016/049241)
[30] US (62/054,115) 2014-09-23

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[13] A1
[51] **Int.Cl. C07K 4/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/00 (2006.01) C07K 17/00 (2006.01)**
[25] EN
[54] **ANTIBODY-BINDING POLYPEPTIDE, ANTIBODY-BINDING FUSION POLYPEPTIDE, AND ADSORPTION MATERIAL**
[54] **POLYPEPTIDE DE LIAISON A UN ANTICORPS, POLYPEPTIDE DE FUSION DE LIAISON A UN ANTICORPS, ET MATERIAU ADSORBANT**
[72] MINAMI, KOICHI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2017-03-22
[86] 2015-09-04 (PCT/JP2015/075157)
[87] (WO2016/052073)
[30] JP (2014-199131) 2014-09-29
[30] JP (2015-073147) 2015-03-31

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[51] **Int.Cl. A01H 5/00 (2006.01)**
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[54] **LOW LIGNIN NON-TRANSGENIC ALFALFA VARIETIES AND METHODS FOR PRODUCING THE SAME**
[54] **VARIETES DE LUZERNE NON TRANSGENIQUE A FAIBLE TENEUR EN LIGNINE ET PROCEDES DE PRODUCTION DE CELLES-CI**
[72] REICH, JONATHAN M., US
[72] JOHNSON, DAVID W., US
[72] DARLING, MARK E., US
[72] ENGH, TRACY A., US
[71] ALFOREX SEEDS LLC, US
[85] 2017-03-22
[86] 2015-09-29 (PCT/US2015/052988)
[87] (WO2016/054071)
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[51] **Int.Cl. G06Q 30/06 (2012.01) H04W 4/02 (2009.01) G06Q 10/08 (2012.01)**
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[54] **OPERATION MANAGEMENT**
[54] **GESTION DE FONCTIONNEMENT**
[72] BLATSTEIN, ERIC J., US
[72] LEE, ALBERT C., US
[72] PALAMARA, MICHAEL, US
[72] SAYA, JOHN, US
[72] KADWA, NEVILLE, US
[72] HAURUS, NICHOLAS, US
[72] QUIRK, MATTHEW, US
[71] FLO SOLUTIONS, LLC, US
[85] 2017-03-22
[86] 2015-09-30 (PCT/US2015/053181)
[87] (WO2016/054181)
[30] US (62/057,691) 2014-09-30
[30] US (14/689,590) 2015-04-17

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[51] **Int.Cl. B60R 21/015 (2006.01)**
[25] EN
[54] **PASSENGER SEAT FOR A VEHICLE**
[54] **SIEGE DE PASSAGER POUR UN VEHICULE**
[72] LACASSE-JOBIN, PIERRE, CA
[72] HEBERT, MARK, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[85] 2017-03-22
[86] 2015-09-23 (PCT/IB2015/057346)
[87] (WO2016/046775)
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[51] **Int.Cl. G01S 13/90 (2006.01) G01S 13/28 (2006.01)**
[25] EN
[54] **SYNTHETIC APERTURE RADAR APPARATUS**
[54] **SYSTEME RADAR A SYNTHESE D'OUVERTURE**
[72] TSUCHIDA, MASAYOSHI, JP
[72] SUWA, KEI, JP
[72] HARA, TERUYUKI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2017-03-21
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[51] **Int.Cl. A61K 38/17 (2006.01) A61K 9/00 (2006.01) A61K 38/19 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING THE BIOLOGICAL ACTIVITY OF SOLUBLE BIOMOLECULES**
[54] **COMPOSITIONS ET PROCEDES POUR INHIBER L'ACTIVITE BIOLOGIQUE DE BIOMOLECULES SOLUBLES**
[72] HAWTHORNE, LOUIS, US
[71] NTERCEPT, LLC, US
[85] 2017-03-22
[86] 2015-10-02 (PCT/US2015/053748)
[87] (WO2016/054522)
[30] US (62/059,628) 2014-10-03
[30] US (62/198,519) 2015-07-29
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[51] **Int.Cl. G06F 13/42 (2006.01)**
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[54] **STACK TIMING ADJUSTMENT FOR SERIAL COMMUNICATIONS**
[54] **REGLAGE DE SYNCHRONISATION DE PILE POUR COMMUNICATIONS EN SERIE**
[72] HAYS, PAUL J., US
[72] EYRE, CHRIS E., US
[71] MICRO MOTION, INC., US
[85] 2017-03-22
[86] 2014-09-25 (PCT/US2014/057487)
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[51] **Int.Cl. A61K 38/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF ANNEXIN V AS A METHOD TO BLOCK TUMOR INDUCED IMMUNOSUPPRESSION OF THE INNATE IMMUNE RESPONSE**
[54] **UTILISATION DE L'ANNEXINE V COMME METHODE PERMETTANT DE BLOQUER L'IMMUNODEPRESSION DE LA REPONSE IMMUNITAIRE INNEE, INDUITE PAR UNE TUMEUR**
[72] BLANKENBERG, FRANCIS GERARD, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-03-22
[86] 2015-10-02 (PCT/US2015/053828)
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[30] US (62/059,669) 2014-10-03

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[25] EN
[54] **DETECTING AND PREVENTING TWO-PHASE FLOW TO GASEOUS FUELED ENGINES**
[54] **DETECTION ET PREVENTION D'ECOULEMENT DIPHASIQUE VERS DES MOTEURS A CARBURANT GAZEUX**
[72] COULTER, JONATHAN BARRETT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[51] **Int.Cl. C12P 7/64 (2006.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12P 21/06 (2006.01)**
[25] EN
[54] **METHODS OF USING ACYL-COA SYNTHETASE FOR BIOSYNTHETIC PRODUCTION OF ACYL-COAS**
[54] **PROCEDES D'UTILISATION D'ACYL-COA SYNTHETASE DANS LA PRODUCTION BIOSYNTHETIQUE D'ACYL-COAS**
[72] HUI, CHEN, US
[72] HONGXUE, WANG, CN
[72] XIAODAN, YU, US
[71] CONAGEN INC., US
[85] 2017-03-22
[86] 2014-11-03 (PCT/US2014/063695)
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[30] US (61/898,944) 2013-11-01

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[51] **Int.Cl. H02G 3/08 (2006.01) G02B 6/46 (2006.01) H02G 3/14 (2006.01)**
[25] EN
[54] **UNIVERSAL MULTI-PURPOSE COMPARTMENTALIZED TELECOMMUNICATIONS BOX**
[54] **BOITIER DE TELECOMMUNICATIONS COMPARTIMENTE MULTIFONCTION UNIVERSEL**
[72] HANSON, BRIAN K., US
[72] CARAPELLA, PETER A., US
[71] PPC BROADBAND, INC., US
[85] 2017-03-22
[86] 2015-09-23 (PCT/US2015/051802)
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[30] US (62/053,850) 2014-09-23

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[51] **Int.Cl. G08B 15/00 (2006.01) E05F 15/00 (2015.01)**
[25] EN
[54] **GARAGE MONITOR**
[54] **MONITEUR DE GARAGE**
[72] FITZGIBBON, JAMES J., US
[72] LEE, JONATHAN ARNOLD, US
[72] SKOTTY, BRIAN ROY, US
[71] THE CHAMBERLAIN GROUP, INC., US
[85] 2017-03-22
[86] 2015-09-29 (PCT/US2015/052934)
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[51] **Int.Cl. A61K 39/395 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **SINGLE DOMAIN ANTIBODIES DIRECTED AGAINST INTRACELLULAR ANTIGENS**
[54] **ANTICORPS A DOMAINE UNIQUE DIRIGES CONTRE DES ANTIGENES INTRACELLULAIRES**
[72] SINGH, SUNANDA, US
[71] SINGH BIOTECHNOLOGY, LLC, US
[85] 2017-03-22
[86] 2015-10-23 (PCT/US2015/057223)
[87] (WO2016/065323)
[30] US (62/067,908) 2014-10-23
[30] US (62/148,656) 2015-04-16
[30] US (62/188,353) 2015-07-02
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[13] A1
[51] **Int.Cl. B63B 35/79 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR OBTAINING AND MONITORING ENVIRONMENTAL DATA**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR OBTENIR ET SURVEILLER DES DONNEES ENVIRONNEMENTALES**
[72] THOMPSON, BENJAMIN, US
[72] STERN, ANDREW, US
[71] LOST BIRD PROJECT, INC., US
[85] 2017-03-22
[86] 2015-02-04 (PCT/US2015/014454)
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[51] **Int.Cl. A45D 24/14 (2006.01)**
[25] EN
[54] **HAIR COMB WITH PIVOTAL ADJUSTMENT FEATURE**
[54] **PEIGNE A ELEMENT DE REGLAGE A PIVOT**
[72] GUTIERREZ, NICHOLAS, US
[71] GUTIERREZ, NICHOLAS, US
[85] 2017-03-22
[86] 2015-11-09 (PCT/US2015/059781)
[87] (WO2016/049661)
[30] US (62/054,315) 2014-09-23

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[51] **Int.Cl. B23K 35/24 (2006.01) B22F 1/00 (2006.01) B22F 3/02 (2006.01) B23K 1/00 (2006.01) C22C 1/00 (2006.01)**
[25] EN
[54] **PRESINTERED BRAZING**
[54] **BRASAGE PREALABLEMENT FRITTE**
[72] LECHIEN, JEFF, US
[71] METALDYNE, LLC, US
[85] 2017-03-22
[86] 2015-11-23 (PCT/US2015/062161)
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[30] US (62/082,736) 2014-11-21

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[51] **Int.Cl. A61J 3/00 (2006.01)**
[25] EN
[54] **MEDICINE DISPENSING DEVICE**
[54] **DISPOSITIF DE DISTRIBUTION DE MEDICAMENT**
[72] KOIKE, NAOKI, JP
[72] FUKADA, MASAO, JP
[71] YUYAMA MFG. CO., LTD., JP
[85] 2017-03-22
[86] 2015-10-15 (PCT/JP2015/079189)
[87] (WO2016/067929)
[30] JP (2014-222313) 2014-10-31

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[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND COMPUTER IMPLEMENTED METHODS FOR MONITORING AN ACTIVITY AT ONE OR MORE FACILITIES**
[54] **SYSTEMES ET PROCEDES MIS EN □UVRE PAR ORDINATEUR POUR SURVEILLER UNE ACTIVITE AU NIVEAU D'UNE OU PLUSIEURS INSTALLATIONS**
[72] MOFARDIN, EDDY, AU
[72] BUTLER, LUKE, AU
[72] PUCOVSKI, CLAIRE, AU
[72] BLINMAN, ADRIAN, AU
[71] SOUTH EAST WATER CORPORATION, AU
[85] 2017-03-23
[86] 2015-10-23 (PCT/AU2015/050657)
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[30] AU (2014904243) 2014-10-23

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[51] **Int.Cl. C22C 19/05 (2006.01) G21D 1/00 (2006.01) C22F 1/00 (2006.01) C22F 1/10 (2006.01)**
[25] EN
[54] **NI-BASED ALLOY TUBE**
[54] **TUYAU EN ALLIAGE A BASE DE NI**
[72] MASAKI, YASUHIRO, JP
[72] KANZAKI, MANABU, JP
[72] KITAMURA, KAZUYUKI, JP
[72] KINOMURA, SHOJI, JP
[72] MOMOZONO, YUMI, JP
[72] MIYAHARA, OSAMU, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-22
[86] 2015-09-29 (PCT/JP2015/077594)
[87] (WO2016/052551)
[30] JP (2014-198759) 2014-09-29

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[51] **Int.Cl. A61K 38/48 (2006.01) A61K 35/14 (2015.01) A61K 38/19 (2006.01) A61P 19/00 (2006.01) A61P 21/00 (2006.01) C07K 1/14 (2006.01) C07K 14/54 (2006.01) C12N 9/64 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR PRODUCING ENHANCED ANTI-INFLAMMATORY/ ANTI-CATABOLIC AND REGENERATIVE AGENTS FROM AUTOLOGOUS PHYSIOLOGICAL FLUID**
[54] **METHODE ET COMPOSITION PERMETTANT DE PRODUIRE DES AGENTS REGENERATEURS ET ANTI-INFLAMMATOIRES/ANTI-CATABOLIQUES AMELIORES A PARTIR D'UN LIQUIDE PHYSIOLOGIQUE AUTOLOGUE**
[72] GALEA, ANTHONY, CA
[72] BROKHMAN, IRINA, CA
[71] ANTNOR LIMITED, CA
[85] 2017-03-23
[86] 2015-09-30 (PCT/CA2015/000521)
[87] (WO2016/049746)
[30] CA (2866480) 2014-09-30
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[30] CA (2900537) 2015-08-13

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[13] A1
[51] **Int.Cl. F25B 21/02 (2006.01)**
[25] EN
[54] **MICRO ENVIRONMENTAL CONTROL SYSTEM**
[54] **SYSTEME DE REGULATION DE MICRO-ENVIRONNEMENT**
[72] KHALIFA, HUSSEIN EZZAT, US
[71] SYRACUSE UNIVERSITY, US
[85] 2017-03-17
[86] 2015-08-26 (PCT/US2015/046859)
[87] (WO2016/033142)
[30] US (62/042,012) 2014-08-26
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[51] **Int.Cl. C04B 28/14 (2006.01) B32B 3/12 (2006.01) B32B 13/02 (2006.01) C04B 11/00 (2006.01) C04B 16/02 (2006.01) E04C 2/26 (2006.01)**
[25] EN
[54] **COMPOSITIONS, PANELS AND SHEETS COMPRISING CELLULOSE FILAMENTS AND GYPSUM AND METHODS FOR PRODUCING THE SAME**
[54] **COMPOSITIONS, PANNEAUX ET FEUILLES COMPRENANT DES FILAMENTS DE CELLULOSE ET DU GYPSE ET LEURS PROCEDES DE PRODUCTION**
[72] DORRIS, ANNIE, CA
[72] BEN, YUXIA, CA
[72] AN, QIAOZHI, CA
[72] DORRIS, GILLES, CA
[72] WANG, XIAOYU, CA
[71] FPINNOVATIONS, CA
[85] 2017-03-23
[86] 2015-10-06 (PCT/CA2015/051010)
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[30] US (62/062,614) 2014-10-10

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[13] A1
[51] **Int.Cl. H04W 4/22 (2009.01) H04W 4/10 (2009.01) H04W 8/18 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS TO MANAGE USER/DEVICE PROFILES IN PUBLIC SAFETY APPLICATIONS**
[54] **PROCEDE ET APPAREIL DE GESTION DE PROFILS D'UTILISATEURS/DISPOSITIFS D'APPLICATIONS DE SECURITE PUBLIQUE**
[72] STANKE, MARIANNE J., US
[72] MAROCCHI, JAMES A., US
[72] NAYLOR, DANIEL J., US
[72] PATEL, HEMANG F., US
[72] SCHULER, FRANCESCA, US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2017-03-22
[86] 2015-09-08 (PCT/US2015/048802)
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[30] US (14/495,236) 2014-09-24

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[13] A1
[51] **Int.Cl. H01M 10/36 (2010.01) H01M 4/485 (2010.01) H01M 4/42 (2006.01)**
[25] EN
[54] **ELECTRODE MATERIALS FOR RECHARGEABLE ZINC CELLS AND BATTERIES PRODUCED THEREFROM**
[54] **MATERIAUX D'ELECTRODE POUR PILES RECHARGEABLES AU ZINC, ET BATTERIES PRODUITES A PARTIR DE CES MATERIAUX**
[72] ADAMS, BRIAN D., CA
[72] KUNDU, DIPAN, CA
[72] NAZAR, LINDA F., CA
[71] UNIVERSITY OF WATERLOO, CA
[85] 2017-03-23
[86] 2016-05-31 (PCT/CA2016/050613)
[87] (WO2016/197236)
[30] US (62/230,502) 2015-06-08

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[51] **Int.Cl. C08B 37/16 (2006.01) A61K 47/40 (2006.01)**
[25] EN
[54] **AMPHIPHILIC CYCLODEXTRIN-BASED GLYCODENDRIMERS**
[54] **GLYCODENDRIMERES A BASE DE CYCLODEXTRINE AMPHIPHILES**
[72] LING, CHANG-CHUN, CA
[72] CUI, LINA, US
[72] GHOSH, RAMPRASAD, CA
[72] ZHANG, PING, CA
[72] WANG, AIXIA, CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2017-03-23
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[30] US (61/885,151) 2013-10-01

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[51] **Int.Cl. H04W 52/00 (2009.01)**
[25] EN
[54] **COMMUNICATIONS DEVICE AND DISCONTINUOUS TRANSMISSION METHOD**
[54] **DISPOSITIF DE COMMUNICATION ET PROCEDE DE TRANSMISSION DISCONTINUE**
[72] WANG, FAN, CN
[72] XU, WENYING, CN
[72] ZHENG, XIAOXIAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-03-23
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[13] A1
[51] **Int.Cl. C12N 5/0735 (2010.01) A01K 67/027 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **TGF.BETA. SIGNALING INDEPENDENT NAIVE INDUCED PLURIPOTENT STEM CELLS, METHODS OF MAKING AND USE**
[54] **CELLULES SOUCHES PLURIPOTENTES INDUITES NAIVES INDEPENDANTES DE LA SIGNALISATION TGFSS, PROCEDES DE PRODUCTION ET UTILISATION**
[72] DENG, HONGKUI, CN
[72] FANG, RIGUO, CN
[72] LIU, KANG, CN
[72] YANG, WEIFENG, CN
[71] HONG GUAN LTD., CN
[71] PEKING UNIVERSITY, CN
[71] BEIJING VITALSTAR BIOTECHNOLOGY CO., LTD., CN
[85] 2017-03-23
[86] 2015-09-18 (PCT/CN2015/089963)
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[30] CN (201410504189.8) 2014-09-26

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[13] A1
[51] **Int.Cl. C12P 13/02 (2006.01)**
[25] EN
[54] **MEANS AND METHODS FOR PRODUCING AMIDE COMPOUNDS WITH LESS ACRYLIC ACID**
[54] **MOYENS ET PROCEDES DE PRODUCTION DE COMPOSES AMIDE AVEC MOINS D'ACIDE ACRYLIQUE**
[72] BUDDE, MICHAEL, DE
[72] BRAUN, MICHAEL, DE
[72] DAEUWEL, JUERGEN, DE
[72] OEDMAN, PETER, DE
[72] BALDENIUS, KAI-UWE, DE
[72] KLEINER, MATTHIAS, DE
[72] FREYER, STEPHAN, DE
[71] BASF SE, DE
[85] 2017-03-23
[86] 2015-09-30 (PCT/EP2015/072506)
[87] (WO2016/050816)
[30] EP (14003378.8) 2014-09-30

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[13] A1
[51] **Int.Cl. C07D 403/14 (2006.01) A61K 31/506 (2006.01) A61K 31/517 (2006.01) C07D 239/24 (2006.01) C07D 239/70 (2006.01) C07D 401/14 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS AND USE THEREOF**
[54] **COMPOSES HETEROCYCLIQUES ET UTILISATION DE CES COMPOSES**
[72] CHAO, YU-SHENG, US
[72] SHIA, KAK-SHAN, TW
[72] JAN, JIING-JYH, TW
[72] TSOU, LUN, KELVIN, TW
[72] CHEN, CHIUNG-TONG, TW
[71] CHAO, YU-SHENG, US
[71] NATIONAL HEALTH RESEARCH INSTITUTES, TW
[85] 2017-03-22
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[30] US (62/053,389) 2014-09-22

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[51] **Int.Cl. A01G 13/00 (2006.01) E01C 9/00 (2006.01)**
[25] EN
[54] **TREE ROOT PROTECTION PANEL**
[54] **PANNEAU DE PROTECTION POUR LES RACINES D'ARBRE**
[72] BOWIE, DEAN, GB
[71] GREENBLUE URBAN LIMITED, GB
[85] 2017-03-23
[86] 2014-09-26 (PCT/GB2014/052924)
[87] (WO2015/044676)
[30] GB (1317174.9) 2013-09-27

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **SWEAT SENSING WITH ANALYTICAL ASSURANCE**
[54] **DETECTION DE TRANSPIRATION AVEC ASSURANCE ANALYTIQUE**
[72] HEIKENFELD, JASON C., US
[71] UNIVERSITY OF CINCINNATI, US
[85] 2017-03-22
[86] 2015-09-22 (PCT/US2015/051439)
[87] (WO2016/049019)
[30] US (62/053,388) 2014-09-22
[30] US (62/155,527) 2015-05-01

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[13] A1
[51] **Int.Cl. A01G 7/06 (2006.01)**
[25] EN
[54] **ACTIVE POLYMER MATERIAL FOR AGRICULTURAL USE**
[54] **MATERIAU POLYMERE ACTIF POUR UN USAGE AGRICOLE**
[72] HORINEK, DAVID, US
[71] HGXE HOLDINGS, LLC, US
[85] 2017-03-22
[86] 2015-09-22 (PCT/US2015/051447)
[87] (WO2016/049025)
[30] US (62/054,158) 2014-09-23

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[13] A1
[51] **Int.Cl. E02B 3/12 (2006.01)**
[25] EN
[54] **SHORELINE STABILIZATION, RESTORATION, AND RUNOFF FILTRATION**
[54] **STABILISATION ET RESTAURATION DU LITTORAL ET FILTRATION DES EAUX DE RUISSELLEMENT**
[72] SCHAAF, DANIEL SHANE, US
[71] SHORESOX SYSTEMS, LLC, US
[85] 2017-03-22
[86] 2015-09-22 (PCT/US2015/051506)
[87] (WO2016/049055)
[30] US (62/053,431) 2014-09-22
[30] US (62/141,576) 2015-04-01

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[13] A1
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[25] EN
[54] **BLADE FOR CENTRIFUGAL BLAST WHEEL MACHINE AND METHOD OF MAINTAINING A CENTRIFUGAL BLAST WHEEL MACHINE**
[54] **PALE POUR MACHINE A ROUE DE PROJECTION CENTRIFUGE ET PROCEDE D'ENTRETIEN D'UNE MACHINE A ROUE DE PROJECTION CENTRIFUGE**
[72] BITZEL, RAYMOND PAUL JR., US
[72] REAVES, MICHAEL DWAYNE, US
[72] BAER, CHRISTOPH, CH
[72] WEISSENBERGER, PHILIPP, DE
[72] WRUCK, JURGEN, DE
[71] WHEELABRATOR GROUP LIMITED, GB
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[54] **SHALLOW-DRAFT WATERCRAFT PROPULSION AND STEERING APPARATUS**
[54] **APPAREIL DE PROPULSION ET DE DIRECTION DE BATEAU A FAIBLE TIRANT D'EAU**
[72] CASE, ROBERT, US
[71] CASE, ROBERT, US
[85] 2017-03-21
[86] 2014-09-26 (PCT/US2014/057765)
[87] (WO2015/048479)
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[30] US (PCT/US2013/061830) 2013-09-26
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[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/12 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **MAGNETIC SENSOR CORRECTION FOR FIELD GENERATED FROM NEARBY CURRENT**
[54] **CORRECTION PAR CAPTEUR MAGNETIQUE DE CHAMP GENERE A PARTIR D'UN COURANT PROCHE**
[72] ZACHARKO, JONATHAN PETER, US
[72] FULFORD, ROBERT SCOTT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-21
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[25] EN
[54] **BEND ANGLE SENSING ASSEMBLY AND METHOD OF USE**
[54] **ENSEMBLE DE DETECTION D'ANGLE DE COURBURE ET SON PROCEDE D'UTILISATION**
[72] LANGE, GUSTAV EDWARD, CA
[72] KIRKHOPE, KENNEDY JOHN, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2014-10-22 (PCT/US2014/061779)
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[25] EN
[54] **CLASSIFIER CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE CLASSIFICATEUR**
[72] GARDINER, MICHAEL J., AU
[72] STARR, DAVID, AU
[72] ORUPOLD, TAAVI, AU
[71] FLSMIDTH A/S, DK
[85] 2017-03-23
[86] 2015-09-17 (PCT/IB2015/057164)
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[25] EN
[54] **STEEL STRIP FOR ELECTRIC-RESISTANCE-WELDED STEEL PIPE OR TUBE, ELECTRIC-RESISTANCE-WELDED STEEL PIPE OR TUBE, AND PROCESS FOR PRODUCING STEEL STRIP FOR ELECTRIC-RESISTANCE-WELDED STEEL PIPE OR TUBE**
[54] **BANDE D'ACIER POUR TUYAU D'ACIER SOUDE PAR RESISTANCE ELECTRIQUE, TUYAU D'ACIER SOUDE PAR RESISTANCE ELECTRIQUE, ET PROCEDE DE PRODUCTION DE BANDE D'ACIER POUR TUYAU D'ACIER SOUDEPAR RESISTANCE ELECTRIQUE**
[72] MATSUKI, YASUHIRO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-03-23
[86] 2015-08-06 (PCT/JP2015/003972)
[87] (WO2016/047023)
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[25] EN
[54] **CAR EXPRESSION VECTOR AND CAR-EXPRESSING T CELLS**
[54] **VECTEUR D'EXPRESSION DE RECEPTEUR D'ANTIGENE CHIMERIQUE, ET CELLULE T D'EXPRESSION DE RECEPTEUR D'ANTIGENE CHIMERIQUE**
[72] TAMADA, KOJI, JP
[72] SAKODA, YUKIMI, JP
[72] ADACHI, KEISHI, JP
[71] YAMAGUCHI UNIVERSITY, JP
[85] 2017-03-23
[86] 2015-10-06 (PCT/JP2015/005080)
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[25] EN
[54] **HYDROGEN-CONTAINING WATER PRODUCT FOR BEVERAGE**
[54] **ARTICLE A BOIRE FAIT D'EAU COMPRENANT DE L'HYDROGENE**
[72] IGARASHI, JUNICHI, JP
[71] SHEFCO CO., LTD., JP
[85] 2017-03-23
[86] 2015-09-25 (PCT/JP2015/077114)
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[25] EN
[54] **CROSSLINKED POLYOLEFIN FOAM**
[54] **MOUSSE DE POLYOLEFINE RETICULEE**
[72] UNO, TAKUMEI, JP
[72] MIKAMI, HIROKI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-03-23
[86] 2015-09-29 (PCT/JP2015/077598)
[87] (WO2016/052555)
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[25] EN
[54] **POLYOLEFIN RESIN FOAM SHEET AND ADHESIVE TAPE**
[54] **FEUILLE DE MOUSSE DE RESINE POLYOLEFINE ET RUBAN ADHESIF**
[72] YACHI, KOJI, JP
[72] MATSUKI, SHIGEKI, JP
[72] MATSUMOTO, ASAMI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-03-23
[86] 2015-09-29 (PCT/JP2015/077600)
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[25] EN
[54] **ORGANIC SEMICONDUCTOR COMPOSITION, PHOTOVOLTAIC ELEMENT, PHOTOELECTRIC CONVERSION DEVICE, AND METHOD FOR MANUFACTURING PHOTOVOLTAIC ELEMENT**
[54] **COMPOSITION DE SEMI-CONDUCTEUR ORGANIQUE, ELEMENT PHOTOVOLTAIQUE, DISPOSITIF DE CONVERSION PHOTOELECTRIQUE, ET PROCEDE DE FABRICATION D'ELEMENT PHOTOVOLTAIQUE**
[72] YAMAMOTO, SHUHEI, JP
[72] KITAZAWA, DAISUKE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-03-23
[86] 2015-09-30 (PCT/JP2015/077720)
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[25] EN
[54] **WELDED STRUCTURE MEMBER AND MANUFACTURING METHOD THEREOF**
[54] **ELEMENT DE CONSTRUCTION DE SOUDURE ET SON PROCEDE DE FABRICATION**
[72] OGAWA, MASAHIRO, JP
[72] OAMI, SHOKO, JP
[72] KODAMA, SHINJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-03-23
[86] 2015-10-02 (PCT/JP2015/078039)
[87] (WO2016/052722)
[30] JP (2014-204583) 2014-10-03
[30] JP (2015-158817) 2015-08-11

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[54] **COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION**
[72] KATOU, KENJI, JP
[71] DENSO CORPORATION, JP
[85] 2017-03-23
[86] 2015-11-27 (PCT/JP2015/005922)
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[54] **FILM FITTING SYSTEM**
[54] **SYSTEME D'AJUSTEMENT DE FILM**
[72] ARIMA, KOJI, JP
[72] USHIDATE, TOSHIYUKI, JP
[72] KAWAUCHI, YASUYUKI, JP
[71] FUJI SEAL INTERNATIONAL, INC., JP
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[86] 2015-08-26 (PCT/JP2015/073932)
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[25] EN
[54] **METHOD OF MANUFACTURING AMORPHOUS ALLOY MAGNETIC CORE**
[54] **PROCEDE DE FABRICATION D'UN NOYAU EN ALLIAGE AMORPHE**
[72] KODAMA, HITOSHI, JP
[72] TAKAHASHI, KENGO, JP
[72] AZUMA, DAICHI, JP
[71] HITACHI METALS, LTD., JP
[85] 2017-03-23
[86] 2015-09-24 (PCT/JP2015/076998)
[87] (WO2016/047717)
[30] JP (2014-197344) 2014-09-26

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[51] **Int.Cl. H01F 27/24 (2006.01) H01F 41/02 (2006.01)**
[25] EN
[54] **AMORPHOUS ALLOY MAGNETIC CORE AND METHOD OF MANUFACTURING THE SAME**
[54] **NOYAU D'ALLIAGE AMORPHE ET SON PROCEDE DE FABRICATION**
[72] KODAMA, HITOSHI, JP
[72] TAKAHASHI, KENGO, JP
[72] AZUMA, DAICHI, JP
[71] HITACHI METALS, LTD., JP
[85] 2017-03-23
[86] 2015-09-24 (PCT/JP2015/076999)
[87] (WO2016/047718)
[30] JP (2014-197345) 2014-09-26

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[25] EN
[54] **SECURING SYSTEM FOR WHEELCHAIRS IN VEHICLES AND A METHOD FOR UNLOCKING AND LOCKING A SECURING SYSTEM FOR WHEELCHAIRS IN VEHICLES**
[54] **SYSTEME D'ARRIMAGE DE FAUTEUILS ROULANTS DANS DES VEHICULES ET PROCEDE DE DEBLOCAGE ET BLOCAGE D'UN SYSTEME D'ARRIMAGE POUR FAUTEUILS ROULANTS DANS DES VEHICULES**
[72] DE BIJL, SJOERD HENDRIK, NL
[72] QUIRIJNEN, XANDO HENRICUS PETRUS, NL
[72] SCHOUTEN, MARCEL JOHANNES HENDRIKUS, NL
[71] CARBOUW B.V., NL
[85] 2017-03-23
[86] 2015-09-25 (PCT/NL2015/050669)
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[51] **Int.Cl. C09K 5/14 (2006.01) F28F 1/10 (2006.01) F28F 3/02 (2006.01) F28F 21/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A THERMALLY CONDUCTIVE ARTICLE**
[54] **PROCEDE DE PRODUCTION D'UN ARTICLE THERMOCONDUCTEUR**
[72] ZAGGL, ALEXANDER, DE
[72] ZOUDLIK, HOLGER, DE
[72] WENDLANDT, MICHAEL, DE
[72] HALL, MICHAEL ADAM, US
[71] W.L. GORE & ASSOCIATES GMBH, DE
[71] W.L. GORE & ASSOCIATES, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR REAL-TIME MEASUREMENT OF GAS CONTENT IN DRILLING FLUIDS**
[54] **SYSTEMES ET PROCEDES POUR LA MESURE EN TEMPS REEL DE LA TENEUR EN GAZ DANS DES FLUIDES DE FORAGE**
[72] MITCHELL, IAN DAVID CAMPBELL, US
[72] ROWE, MATHEW DENNIS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-23
[86] 2014-11-10 (PCT/US2014/064828)
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[51] **Int.Cl. E03F 5/04 (2006.01) E03F 5/06 (2006.01) E04B 1/92 (2006.01) E06B 9/02 (2006.01)**
[25] EN
[54] **PORTABLE FLEXIBLE SEALING DEVICE FOR GRATED OPENINGS**
[54] **DISPOSITIF D'ETANCHEITE FLEXIBLE PORTATIF POUR OUVERTURES A GRILLE**
[72] CADOGAN, DAVID PHILLIP, US
[72] GLEESON, DANIEL JAMES, US
[72] HINKLE, JONATHAN MICHAEL, US
[72] ROUSHEY, JEFFREY LEWIS, US
[71] ILC DOVER LP, US
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[51] **Int.Cl. C22C 38/34 (2006.01) C22C 38/54 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HIGH DUCTILITY STEEL ALLOYS WITH MIXED MICROCONSTITUENT STRUCTURE**
[54] **ALLIAGES D'ACIER A HAUTE DUCTILITE AYANT UNE STRUCTURE DE MICROCONSTITUANTS MELANGES**
[72] BRANAGAN, DANIEL JAMES, US
[72] JUSTICE, GRANT G., US
[72] BALL, ANDREW T., US
[72] WALLESER, JASON K., US
[72] MEACHAM, BRIAN E., US
[72] CLARK, KURTIS, US
[72] TEW, LOGAN J., US
[72] ANDERSON, SCOTT T., US
[72] LARISH, SCOTT, US
[72] CHENG, SHENG, US
[72] GIDDENS, TAYLOR L., US
[72] FRERICHS, ANDREW E., US
[72] SERGUEEVA, ALLA V., US
[71] THE NANOSTEEL COMPANY, INC., US
[85] 2017-03-23
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[30] US (62/054,728) 2014-09-24
[30] US (62/064,903) 2014-10-16

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[51] **Int.Cl. A61K 38/22 (2006.01)**
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[54] **METHODS OF TREATING TRAUMATIC BRAIN INJURY**
[54] **PROCEDES DE TRAITEMENT DE LESION CEREBRALE TRAUMATIQUE**
[72] SHAH, KARTIK KIRAN, US
[72] MUNSHI, AMIT DILIP, US
[71] OXEIA BIOPHARMACEUTICALS, INC., US
[85] 2017-03-23
[86] 2015-08-18 (PCT/US2015/045776)
[87] (WO2016/048488)
[30] US (62/055,510) 2014-09-25
[30] US (62/057,188) 2014-09-29
[30] US (62/063,886) 2014-10-14
[30] US (62/108,963) 2015-01-28
[30] US (62/118,419) 2015-02-19
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[51] **Int.Cl. C12M 1/02 (2006.01) C12M 1/04 (2006.01) C12M 1/18 (2006.01) C12M 1/40 (2006.01)**
[25] EN
[54] **COMPACT REACTOR FOR ENZYMATIC TREATMENT**
[54] **REACTEUR COMPACT POUR LE TRAITEMENT ENZYMATIQUE**
[72] AGLEN, LARS, NO
[71] N & U AS, NO
[85] 2017-03-23
[86] 2015-10-05 (PCT/NO2015/050183)
[87] (WO2016/056922)
[30] NO (20141197) 2014-10-07
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[51] **Int.Cl. A61B 5/042 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **CATHETER FOR USE IN RECORDING HIS ELECTROGRAM ALTERNANS AND APPLICATION TO VARIOUS CONDITIONS**
[54] **CATHETER SERVANT A L'ENREGISTREMENT D'ALTERNANCES DE L'ELECTROGRAMME DU FAISCEAU DE HIS ET SON APPLICATION A DIVERS ETATS PATHOLOGIQUES**
[72] ZHANG, YOUHUA, US
[71] NEW YORK INSTITUTE OF TECHNOLOGY, US
[85] 2017-03-23
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[51] **Int.Cl. B63B 21/66 (2006.01)**
[25] EN
[54] **SHIPBOARD WINCH WITH COMPUTER-CONTROLLED MOTOR**
[54] **TREUIL DE NAVIRE AVEC MOTEUR COMMANDE PAR ORDINATEUR**
[72] KLINKE, JOCHEN, US
[72] ABORDO, ADRIAN, US
[72] MOLDOVAN, MATTHEW A., US
[72] GEORGE, RONALD A., US
[72] LOVEJOY, MARIAH SHANNON, US
[71] TELEDYNE INSTRUMENTS, INC., US
[85] 2017-03-23
[86] 2015-08-31 (PCT/US2015/047799)
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[51] **Int.Cl. C07F 9/38 (2006.01)**
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[54] **TREATMENT OF RETT SYNDROME**
[54] **TRAITEMENT DU SYNDROME DE RETT**
[72] TONKS, NICHOLAS, US
[72] KRISHNAN, NAVASONA, US
[71] COLD SPRING HARBOR LABORATORY, US
[85] 2017-03-23
[86] 2015-09-23 (PCT/US2015/051594)
[87] (WO2016/049110)
[30] US (62/055,433) 2014-09-25
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[51] **Int.Cl. H02M 3/155 (2006.01) G05F 1/595 (2006.01) H02J 9/06 (2006.01)**
[25] EN
[54] **BALANCED BIDIRECTIONAL BUCK-BOOST CONVERTERS AND ASSOCIATED SYSTEMS AND METHODS**
[54] **CONVERTISSEURS ABAISSEURS-ELEVATEURS BIDIRECTIONNELS EQUILIBRES ET SYSTEMES ET PROCEDES ASSOCIES**
[72] VOVOS, ROBERT J., US
[72] CARRUTHERS, PETER A., US
[72] LYONS, ARTHUR P., US
[71] BAE SYSTEMS CONTROLS INC., US
[85] 2017-03-23
[86] 2015-09-23 (PCT/US2015/051644)
[87] (WO2016/049135)
[30] US (14/496,570) 2014-09-25

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[13] A1
[51] **Int.Cl. G01N 22/00 (2006.01)**
[25] EN
[54] **NONDESTRUCTIVE, ABSOLUTE DETERMINATION OF THICKNESS OF OR DEPTH IN DIELECTRIC MATERIALS**
[54] **DETERMINATION ABSOLUE NON DESTRUCTRICE DE L'EPAISSEUR OU DE LA PROFONDEUR DE MATERIAUX DIELECTRIQUES**
[72] LITTLE, JACK R., JR., US
[71] EVISIVE, INC., US
[85] 2017-03-23
[86] 2014-09-22 (PCT/US2014/056730)
[87] (WO2015/047931)
[30] US (61/882,288) 2013-09-25

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[51] **Int.Cl. A61B 1/06 (2006.01)**
[25] EN
[54] **OPTICAL COUPLER FOR OPTICAL IMAGING VISUALIZATION DEVICE**
[54] **COUPLEUR OPTIQUE POUR DISPOSITIF DE VISUALISATION D'IMAGERIE OPTIQUE**
[72] MILLER, SCOTT, US
[71] MILLER, SCOTT, US
[85] 2017-03-23
[86] 2015-09-23 (PCT/US2015/051662)
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[30] US (14/494,090) 2014-09-23

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[13] A1
[51] **Int.Cl. C12N 5/095 (2010.01) C12N 5/071 (2010.01) C12N 5/09 (2010.01)**
[25] EN
[54] **CANCER-ASSOCIATED FIBROBLASTS IN MAINTAINING STEMNESS OF CANCER STEM CELLS**
[54] **FIBROBLASTES ASSOCIES A UN CANCER DANS LE MAINTIEN DU CARACTERE SOUCHE DE CELLULES SOUCHES CANCEREUSES**
[72] YANG, PAN-CHYR, TW
[72] CHEN, HUEI, WEN, TW
[72] CHEN, WAN-JIUN, TW
[71] NATIONAL TAIWAN UNIVERSITY, TW
[71] WO, ANDREW MAN CHUNG, TW
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[25] EN
[54] **OPEN HOLE DRILLING MAGNET**
[54] **AIMANT DE FORAGE EN TROU DECOUVERT**
[72] LINKLATER, JAMES, GB
[72] ATKINS, JAMES EDWARD, GB
[72] TELFER, GEORGE, GB
[71] M-I DRILLING FLUIDS UK LTD., GB
[85] 2017-03-23
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[54] **DISPOSITIF INTRAGASTRIQUE POUR TRAITER L'OBESITE**
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[72] SHARMA, VIRENDER K., US
[71] SYNERZ MEDICAL, INC., US
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[54] **ROTATABLE SINGLE PIECE OPTICAL ARRAY**
[54] **RESEAU OPTIQUE A PIECE UNIQUE ROTATIF**
[72] DUCKWORTH, JASON EDWARD, US
[71] HUBBELL INCORPORATED, US
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[54] **SYSTEMS AND METHODS FOR DAMPER ACTUATOR WITHOUT MICROCONTROLLER**
[54] **SYSTEMES ET PROCEDES POUR ACTIONNEUR D'AMORTISSEUR SANS MICRO-UNITE DE COMMANDE**
[72] KALORE, PANKAJ V., US
[72] CALIENDO, GUY P., US
[72] ANDERSON, DEAN B., US
[72] STROZEWSKI, MICHAEL B., US
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[25] EN
[54] **TREATING AND PREVENTING DISEASE WITH TMA AND TMAO LOWERING AGENTS**
[54] **TRAITEMENT ET PREVENTION D'UNE MALADIE AVEC DES AGENTS DE REDUCTION DE LA TMA ET DU TMAO**
[72] HAZEN, STANLEY L., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING COATING REQUIREMENTS**
[54] **SYSTEME ET PROCEDE POUR DETERMINER DES EXIGENCES DE REVETEMENT**
[72] BIPES, JEFFREY D., US
[72] DANIEL, WILLIAM S., US
[72] BLOOMBERG, STEVEN S., US
[72] CAHILL, RICHARD C., US
[71] VALSPAR SOURCING, INC., US
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[25] EN
[54] **POLYMER SOLUTION, FIBER MAT, AND NANOFIBER MEMBRANE-ELECTRODE-ASSEMBLY THEREWITH, AND METHOD OF FABRICATING SAME**
[54] **SOLUTION DE POLYMERE, MAT DE FIBRES ET ENSEMBLE MEMBRANE-ELECTRODE EN NANOFIBRES L'INCLUANT, ET SON PROCEDE DE FABRICATION**
[72] PINTAURO, PETER N., US
[72] ZHANG, WENJING, DK
[72] BRODT, MATTHEW, US
[72] PARK, ANDREW M., US
[72] BALLENGEE, JASON B., US
[72] WYCISK, RYSZARD, US
[71] VANDERBILT UNIVERSTIY, US
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[54] **METHODS AND SYSTEMS FOR CORNEAL TOPOGRAPHY, BLINK DETECTION AND LASER EYE SURGERY**
[54] **PROCEDES ET SYSTEMES DE TOPOGRAPHIE DE LA CORNEE, DETECTION DE CLIGNEMENT ET CHIRURGIE DE L'□IL AU LASER**
[72] GONZALEZ, JAVIER G., US
[71] OPTIMEDICA CORPORATION, US
[85] 2017-03-23
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[54] **NON-BETA LACTAM ANTIBIOTICS**
[54] **ANTIBIOTIQUES AUTRES QUE LES BETA-LACTAMINES**
[72] CHANG, MAYLAND, US
[72] MOBASHERY, SHAHRIAR, US
[72] SPINK, EDWARD, GB
[72] DING, DERONG, US
[72] TESTERO, SEBASTIAN, AR
[72] LEEMANS, ERIKA, BE
[72] BOUDREAU, MARC A., US
[71] UNIVERSITY OF NOTRE DAME DU LAC, US
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[54] **STERILIZATION COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS STERILIZATION ET METHODES**
[72] DOYLE, SHAWN, US
[72] NOLAN, MIKE, US
[71] SPS MEDICAL SUPPLY CORP., US
[85] 2017-03-23
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[54] **VEHICLE ROOF PLATE**
[54] **PLAQUE DE TOIT DE VEHICULE**
[72] SHIPMAN, MICHAEL, US
[71] SHIPMAN, MICHAEL, US
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[51] **Int.Cl. B01F 3/08 (2006.01)**
[25] EN
[54] **CHEMICAL TREATMENT APPARATUS FOR DILUTING AND ACTIVATING POLYMERS AND METHODS THEREOF**
[54] **APPAREIL DE TRAITEMENT CHIMIQUE POUR LA DILUTION ET L'ACTIVATION DE POLYMERES ET PROCEDES CORRESPONDANTS**
[72] KIM, YONG H., US
[71] UGSI CHEMICAL FEED, INC., US
[85] 2017-03-23
[86] 2015-09-25 (PCT/US2015/052206)
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[25] EN
[54] **DIGESTION OF WASTE ACTIVATED SLUDGE WITH ALGAE**
[54] **DIGESTION DE BOUES ACTIVEES PAR DES DECHETS AVEC DES ALGUES**
[72] JU, LU-KWANG, US
[72] TRIVEDI, HIREN K., US
[71] OVIVO INC., CA
[71] THE UNIVERSITY OF AKRON, US
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[25] EN
[54] **LUMINESCENT PLANAR SHEET**
[54] **FEUILLE PLANAIRE LUMINESCENTE**
[72] SHIPMAN, MICHAEL, US
[71] SHIPMAN, MICHAEL, US
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[25] EN
[54] **CARDIOSPHERE-DERIVED CELLS AND EXOSOMES SECRETED BY SUCH CELLS IN THE TREATMENT OF MUSCULAR DYSTROPHY**
[54] **CELLULES DERIVEES DE LA CARDIOSPHERE ET EXOSOMES SECRETES PAR CES CELLULES DANS LE TRAITEMENT D'UNE DYSTROPHIE MUSCULAIRE**
[72] MARBAN, EDUARDO, US
[72] AMINZADEH, MARK AMIN, US
[71] CEDARS-SINAI MEDICAL CENTER, US
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[54] **BRANCARD OU CIVIERE MODULAIRE**
[72] CHINN, ROBERT, US
[71] FERNO-WASHINGTON, INC., US
[85] 2017-03-23
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[54] **COIN WRAPPER SHEET**
[54] **FEUILLE DE MISE EN ROULEAU POUR PIECES DE MONNAIE**
[72] STRING, GREGORY F., US
[71] GCCM, LLC, US
[85] 2017-03-23
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[54] **TREATMENT OF CANCER WITH IMMUNE STIMULATORS**
[54] **TRAITEMENT DU CANCER AU MOYEN DE STIMULATEURS IMMUNITAIRES**
[72] KING, ROBERT S., US
[72] TUTHILL, CYNTHIA, US
[72] BLOBEL, FRIEDHELM, US
[71] SCICLONE PHARMACEUTICALS, INC., US
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[54] **MOUNTABLE DISPLAY DEVICES**
[54] **DISPOSITIFS D'AFFICHAGE MONTABLES SUR UN SUPPORT**
[72] ZENOFF, ANDREW, US
[71] BEAM AUTHENTIC, INC., US
[85] 2017-03-23
[86] 2015-07-28 (PCT/US2015/042507)
[87] (WO2016/018929)
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[51] **Int.Cl. E05D 7/00 (2006.01) E05D 7/04 (2006.01)**
[25] EN
[54] **HINGE MECHANISM**
[54] **MECANISME DE CHARNIERE**
[72] LIZOTTE, GERRY, CA
[71] ROUSSEAU METAL INC., CA
[85] 2017-03-24
[86] 2015-09-28 (PCT/CA2015/050971)
[87] (WO2016/044955)
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[25] EN
[54] **METHODS OF DETECTING ADENOSINE DEAMINASE DEFICIENCY**
[54] **METHODES DE DETECTION D'UN DEFICIT EN ADENOSINE DESAMINASE**
[72] ALDIRBASHI, OSAMA, CA
[72] CHAKRABORTY, PRANESH, CA
[71] CHILDREN'S HOSPITAL OF EASTERN ONTARIO, CA
[85] 2017-03-24
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[54] **POMPE A FLUIDE MUNIE DE PLUSIEURS TETES DE POMPE**
[72] NUHN, IAN, CA
[71] NUHN INDUSTRIES LTD., CA
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[54] **DUAL SERVICE COMPRESSOR SYSTEM FOR CONDITIONING HYDROCARBON GAS**
[54] **SYSTEME DE SERVICE A DOUBLE COMPRESSEUR POUR CONDITIONNER UN GAZ D'HYDROCARBURES**
[72] ATHIRATHNAM, RAJESH, US
[72] KAPOOR, MANIK, US
[72] KHAN, MOHSIN, US
[71] GE OIL & GAS, INC., US
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[54] **SYSTEME DE CAMERA AERIENNE**
[72] COPE, SIMON, AU
[72] VON BERTOUCH, MICHAEL, AU
[71] SPOOKFISH INNOVATIONS PTY LTD, AU
[85] 2017-03-24
[86] 2015-10-08 (PCT/AU2015/000606)
[87] (WO2016/054681)
[30] AU (2014904018) 2014-10-08
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[51] **Int.Cl. C12Q 1/68 (2006.01)**
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[54] **METHOD AND SYSTEM FOR MICROBIOME-DERIVED DIAGNOSTICS AND THERAPEUTICS**
[54] **PROCEDE ET SYSTEME DE DIAGNOSTIC ET DE THERAPIE FONDES SUR LE MICROBIOME**
[72] APTE, ZACHARY, US
[72] RICHMAN, JESSICA, US
[72] BEHBAHANI, SIAVOSH REZVAN, US
[72] ALMONACID, DANIEL, US
[71] UBIOME, INC., US
[85] 2017-03-23
[86] 2015-10-21 (PCT/US2015/056767)
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[25] EN
[54] **POROUS CARBON FILMS**
[54] **FILMS DE CARBONE POREUX**
[72] BIRSS, VIOLA, CA
[72] LI, XIAOAN, CA
[72] BANHAM, DUSTIN, CA
[72] KWOK, DANIEL Y., CA
[71] UTI LIMITED PARTNERSHIP, CA
[85] 2017-03-24
[86] 2015-03-11 (PCT/CA2015/000156)
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[51] **Int.Cl. E05C 9/10 (2006.01) E05B 5/00 (2006.01) E05B 13/10 (2006.01) E05B 65/02 (2006.01)**
[25] EN
[54] **DOOR-LOCKING SYSTEM**
[54] **SYSTEME DE VERROUILLAGE DE PORTE**
[72] LIZOTTE, GERRY, CA
[71] ROUSSEAU METAL INC., CA
[85] 2017-03-24
[86] 2015-09-28 (PCT/CA2015/050969)
[87] (WO2016/044953)
[30] CA (2,865,344) 2014-09-26

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[25] EN
[54] **REACTIVE NEAR-FIELD ANTENNA MEASUREMENT**
[54] **MESURE D'ANTENNE A CHAMP PROCHE REACTIVE**
[72] PATTON, RUSKA, CA
[72] PAYANDEHJOO, KASRA, CA
[71] EMSCAN CORPORATION, CA
[85] 2017-03-24
[86] 2015-11-10 (PCT/CA2015/051164)
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[30] US (62/078,698) 2014-11-12

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[51] **Int.Cl. C22C 38/38 (2006.01) C22C 33/04 (2006.01)**
[25] EN
[54] **HIGH-TOUGHNESS HOT-ROLLED HIGH-STRENGTH STEEL WITH YIELD STRENGTH OF GRADE 800 MPA AND PREPARATION METHOD THEREOF**
[54] **ACIER A HAUTE RESISTANCE POUR LAMINAGE A CHAUD A HAUTE TENACITE PRESENTANT UNE LIMITE D'ELASTICITE DE 800 MPA ET SON PROCEDE DE PREPARATION**
[72] WANG, HUANRONG, CN
[72] YANG, A'NA, CN
[72] WANG, WEI, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
[85] 2017-03-24
[86] 2015-01-15 (PCT/CN2015/070727)
[87] (WO2016/045266)
[30] CN (201410503735.6) 2014-09-26

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[51] **Int.Cl. C09D 5/02 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **PAINT FORMULATION AND PROCESS OF MAKING THEREOF**
[54] **FORMULATION DE PEINTURE ET SON PROCEDE DE FABRICATION**
[72] LI, LING, CN
[72] WANG, YUJIANG, CN
[72] CHEN, FENGKUN, JP
[72] WANG, RUI, CN
[72] ABOU GHONEIM, KHALED, AE
[72] FAN, LIQIANG, CN
[71] UCAR EMULSION SYSTEMS FZE, AE
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **PREPARATION METHOD FOR BENZOXAZOLEOXAZINE KETONE COMPOUND AND INTERMEDIATE AND CRYSTAL FORM THEREOF**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE BENZOXAZOLEOXAZINE CETONE, INTERMEDIAIRE ET FORME CRISTALLINE DUDIT COMPOSE**
[72] CHEN, SHUHUI, CN
[72] DING, ZHAOZHONG, CN
[72] GONG, GANGLI, CN
[72] YAN, XIAOBING, CN
[72] HUANG, WEI, CN
[72] GUO, FENG, CN
[72] DUAN, BAOLING, CN
[72] GAO, RENLONG, CN
[72] ZHOU, PINGFAN, CN
[72] LU, XINHUA, CN
[72] DONG, GUIMIN, CN
[71] NORTH CHINA PHARMACEUTICAL NEW DRUG R&D CO., LTD., CN
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[30] CN (201410503772.7) 2014-09-26

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[25] EN
[54] **RECOMBINANT FUSION PROTEIN FORMULATION**
[54] **FORMULATION DE PROTEINES HYBRIDES RECOMBINANTES**
[72] WANG, YINJUE, CN
[72] LI, JUNFENG, CN
[72] HUANG, XIAOLE, CN
[71] INNOVENT BIOLOGICS, INC., CN
[85] 2017-03-24
[86] 2015-09-25 (PCT/CN2015/090777)
[87] (WO2016/045626)
[30] CN (201410497937.4) 2014-09-25

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[51] **Int.Cl. B67D 1/00 (2006.01) B65D 81/32 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSING DEVICE WITH MIXING CHAMBER AND COOLING FUNCTIONALITY**
[54] **DISPOSITIF DE DISTRIBUTION DE BOISSON AVEC CHAMBRE DE MELANGE ET FONCTIONNALITE DE REFROIDISSEMENT**
[72] PELLAUD, JEROME, US
[72] PEIRSMAN, DANIEL, BE
[71] ANHEUSER-BUSCH INBEV S.A., BE
[85] 2017-03-24
[86] 2015-09-25 (PCT/EP2015/072122)
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[51] **Int.Cl. G01N 33/50 (2006.01)**
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[54] **UTILITY OF PROTEIN IN THE PREDICTION OF IN VIVO EFFECTS**
[54] **UTILITE D'UNE PROTEINE DANS LA PREDICTION D'EFFETS IN VIVO**
[72] BROUWER, KENNETH R., US
[72] BLACK, CHRISTOPHER B., US
[72] JACKSON, JONATHAN P., US
[71] QUALYST TRANSPORTER SOLUTIONS, LLC, US
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[54] **METHODS AND SYSTEMS FOR DISTINGUISHING IRRITABLE BOWEL SYNDROME FROM INFLAMMATORY BOWEL DISEASE AND CELIAC DISEASE**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE DISTINGUER LE SYNDROME DU COLON IRRITABLE DE LA MALADIE INTESTINALE INFLAMMATOIRE ET DE LA MALADIE C□LIAQUE**
[72] PIMENTEL, MARK, US
[72] CHANG, CHRISTOPHER, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2017-03-23
[86] 2015-10-08 (PCT/US2015/054655)
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[30] US (62/061,877) 2014-10-09
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[54] **TIRE-LAIT**
[72] HANSEN, JAN ERIK VEST, DK
[71] VESUCTA APS, DK
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[51] **Int.Cl. B67D 1/00 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSING DEVICE COMPRISING AT LEAST TWO POD OR CAPSULE RECEIVING MEANS**
[54] **DISPOSITIF DE DISTRIBUTION DE BOISSON COMPRENANT AU MOINS DEUX MOYENS DE RECEPTION DE DOSETTE OU DE CAPSULE**
[72] PELLAUD, JEROME, US
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[51] **Int.Cl. A61B 7/04 (2006.01) A61B 5/0402 (2006.01) H04R 1/46 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR CAPTURING AND OUTPUTTING DATA REGARDING A BODILY CHARACTERISTIC**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES PERMETTANT DE CAPTURER ET DE SORTIR DES DONNEES CONCERNANT UNE CARACTERISTIQUE CORPORELLE**
[72] HUSSAIN, ARSIL NAYYAR, US
[71] HUSSAIN, ARSIL NAYYAR, US
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[51] **Int.Cl. E21D 20/00 (2006.01) E21C 27/24 (2006.01) E21D 9/10 (2006.01)**
[25] EN
[54] **DEVICE FOR THE INSTALLATION OF ROCK BOLTS AND CUTTING APPARATUS**
[54] **DISPOSITIF POUR L'INSTALLATION DE BOULONS D'ANCRAGE ET APPAREIL DE DECOUPE**
[72] GALLER, THOMAS, AT
[72] KUPPER, MARTIN, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-03-24
[86] 2015-10-02 (PCT/EP2015/072842)
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[25] EN
[54] **PURIFICATION OF CHLOROSILANES BY MEANS OF DISTILLATION AND ADSORPTION**
[54] **PURIFICATION DE CHLOROSILANES PAR DISTILLATION ET ADSORPTION**
[72] AIGNER, MAXIMILIAN, DE
[72] PAETZOLD, UWE, DE
[72] PROCHASKA, JAN, DE
[71] WACKER CHEMIE AG, DE
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[25] EN
[54] **CUTTING APPARATUS**
[54] **APPAREIL DE COUPE**
[72] SCHERZ, GEORG, AT
[72] HABERER, CHRISTOPH, AT
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[51] **Int.Cl. A45B 25/16 (2006.01) A45B 25/22 (2006.01)**
[25] EN
[54] **UMBRELLA**
[54] **PARAPLUIE**
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[72] TAIT, BRENDON, NZ
[71] BRAND DEVELOPERS LTD, NZ
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[54] **TIE ROD ARMS AND STEERING ARMS WITH INTEGRATED GREASE SEAL CAPS**
[54] **BRAS DE BARRE D'ACCOUPLEMENT ET BRAS DE DIRECTION AVEC BOUCHONS D'ETANCHEITE A GRAISSE INTEGRES**
[72] BLOINK, MICHAEL P., US
[72] DILWORTH, DAMON E., US
[72] ELWOOD, PAUL D., US
[72] GODING, JONATHAN W., US
[71] HENDRICKSON USA, L.L.C., US
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[51] **Int.Cl. G07C 9/00 (2006.01)**
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[54] **AUTO ENROLLMENT FOR CONFIGURING ACCESS CONTROL SYSTEMS**
[54] **AUTO-INSCRIPTION POUR LA CONFIGURATION DE SYSTEMES DE COMMANDE D'ACCES**
[72] FRENETTE, STEPHAN, CA
[72] LABRECQUE, GABRIEL, CA
[71] TYCO SAFETY PRODUCTS CANADA LTD., CA
[85] 2017-03-24
[86] 2015-09-24 (PCT/IB2015/057370)
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[25] EN
[54] **RADIOPHARMACEUTICAL CONJUGATE**
[54] **CONJUGUES RADIOPHARMACEUTIQUES**
[72] DRIVER, CATHRYN HELENA STANFORD, ZA
[72] ZEEVAART, JAN RIJN, ZA
[72] PARKER, MOHAMED IQBAL, ZA
[72] HUNTER, ROGER, ZA
[71] THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED, ZA
[71] UNIVERSITY OF CAPE TOWN, ZA
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[51] **Int.Cl. G01N 17/00 (2006.01)**
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[54] **REMAINING LIFE ESTIMATION METHOD FOR ESTIMATING REMAINING LIFE OF HIGH-CHROMIUM STEEL PIPE**
[54] **PROCEDE D'ESTIMATION DE DUREE DE VIE RESTANTE POUR ESTIMER LA DUREE DE VIE RESTANTE D'UN TUYAU EN ACIER AU CHROME**
[72] NISHIDA, HIDETAKA, JP
[71] THE CHUGOKU ELECTRIC POWER CO., INC., JP
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[25] EN
[54] **FAILURE DETECTION SYSTEM OF TRANSMITTING ANTENNAS**
[54] **SYSTEME DE DETECTION DE DEFAILLANCES D'ANTENNES EMETTRICES**
[72] CASATI, PIETRO, CH
[72] BRUSTIA, ANGELO, IT
[71] DAC SYSTEM SA, CH
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[25] EN
[54] **NEBULISER DEVICE**
[54] **DISPOSITIF NEBULISEUR**
[72] SALEGUI ECHEVESTE, JUAN JOSE, ES
[72] SALEGI ETXEBESTE, INAKI, ES
[71] SALEGUI ECHEVESTE, JUAN JOSE, ES
[71] SALEGI ETXEBESTE, INAKI, ES
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[25] EN
[54] **METHOD FOR EVALUATING EFFICACY OF CHEMORADIOTHERAPY AGAINST SQUAMOUS CELL CARCINOMA**
[54] **PROCEDE D'EVALUATION DE L'EFFICACITE D'UNE CHIMIORADIOTHERAPIE DANS UN CARCINOME EPIDERMOIDE**
[72] SASAKI, HIROKI, JP
[72] AOYAGI, KAZUHIKO, JP
[72] MUTO, MANABU, JP
[72] TAKAHASHI, HIROO, JP
[71] NATIONAL CANCER CENTER, JP
[71] KYOTO UNIVERSITY, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2017-03-24
[86] 2015-09-24 (PCT/JP2015/076927)
[87] (WO2016/047688)
[30] JP (2014-194379) 2014-09-24

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[25] EN
[54] **FLOOR AND CEILING PANEL FOR USE IN BUILDINGS**
[54] **PANNEAU DE PLANCHER ET DE PLAFOND DESTINE A ETRE UTILISE DANS DES BATIMENTS**
[72] COLLINS, ARLAN, US
[72] WOERMAN, MARK, US
[71] INNOVATIVE BUILDING TECHNOLOGIES, LLC, US
[85] 2017-03-24
[86] 2015-08-28 (PCT/US2015/047383)
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[25] EN
[54] **BIOREACTOR FOR TREATING WATER FLUID(S)**
[54] **BIOREACTEUR POUR LE TRAITEMENT D'UN OU PLUSIEURS FLUIDES A BASE D'EAU**
[72] HAILA, OLLI-PEKKA, FI
[72] HAILA, DEWI, FI
[71] WINFLOW WATER OY, FI
[85] 2017-03-24
[86] 2015-09-28 (PCT/FI2015/050643)
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[25] EN
[54] **TUMOR ANTIGEN PEPTIDE**
[54] **PEPTIDES ANTIGENIQUES TUMORAUX**
[72] TORIGOE, TOSHIHIKO, JP
[72] ATSUYAMA, ERI, JP
[72] OTAKA, HIRONORI, JP
[72] NAKANO, KAZUE, JP
[72] LI, DONGLIANG, JP
[72] TOJI, SHINGO, JP
[72] ASANO, TAKUYA, JP
[72] HORIBE, RYOTA, JP
[72] HIROHASHI, YOSHIHIKO, JP
[72] SATO, NORIYUKI, JP
[72] SAITO, TSUYOSHI, JP
[71] SAPPORO MEDICAL UNIVERSITY, JP
[71] MEDICAL & BIOLOGICAL LABORATORIES CO., LTD., JP
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[86] 2015-09-24 (PCT/JP2015/076994)
[87] (WO2016/047715)
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[51] **Int.Cl. G02B 6/46 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INSERTING OPTICAL FIBERS INTO TUBES**
[54] **APPAREIL ET PROCEDE D'INSERTION DE FIBRES OPTIQUES DANS DES TUBES**
[72] GOLERET, VINCENT YVES MARIUS, DE
[72] KESKIN, MUSTAFA, DE
[72] KLUWE, WOLF PETER, DE
[72] MATTHIES, JURGEN, DE
[72] MUELLER-SCHLOMKA, GORDON, DE
[72] SCHULTE, MARTIN, DE
[72] WIMMER, MICHAEL, DE
[71] CCS TECHNOLOGY, INC., US
[85] 2017-03-24
[86] 2015-09-22 (PCT/US2015/051357)
[87] (WO2016/048963)
[30] EP (14186598.0) 2014-09-26

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[51] **Int.Cl. H04B 1/04 (2006.01)**
[25] EN
[54] **FIXED INTERMEDIATE FREQUENCY SIGNAL WITH TUNED LOW FREQUENCY LOCAL OSCILLATOR REFERENCE FOR LINEAR TRANSMITTER**
[54] **SIGNAL DE FREQUENCE INTERMEDIAIRE FIXE COMPORTANT UNE REFERENCE D'OSCILLATEUR LOCAL ACCORDE BASSE FREQUENCE POUR EMETTEUR LINEAIRE**
[72] JACKSON, THOMAS, US
[72] JOSHI, RAJESH, US
[72] DAUBERMAN, MICHAEL, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2017-03-24
[86] 2015-09-22 (PCT/US2015/051395)
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[51] **Int.Cl. B60R 11/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A MOUNTABLE ELECTRONIC DEVICE HOLDER**
[54] **SYSTEMES ET PROCEDES POUR UN SUPPORT DE DISPOSITIF ELECTRONIQUE POUVANT ETRE MONTE**
[72] ORMSBEE, BOWDEN, US
[72] ADELMAN, GREGORY M., US
[72] CORE, IAN M., US
[71] NITE IZE, INC., US
[85] 2017-03-24
[86] 2015-09-22 (PCT/US2015/051448)
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[30] US (62/054,871) 2014-09-24

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[51] **Int.Cl. A61G 13/12 (2006.01) A61G 7/065 (2006.01) A61G 7/07 (2006.01)**
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[54] **PATIENT POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT DE PATIENT**
[72] REILLY, THOMAS M., US
[72] PEDRO, MICHAEL J., US
[72] CATALDO, STEVEN H., US
[72] KRONES, PETER J., US
[72] ELLIS, JAMES E., US
[72] KANE, DAVID M., US
[71] REVOLUTIONARY MEDICAL DEVICES, INC., US
[85] 2017-03-24
[86] 2015-08-14 (PCT/US2015/045357)
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[30] US (62/056,287) 2014-09-26
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[51] **Int.Cl. C07D 209/52 (2006.01)**
[25] EN
[54] **N-ALKYLARYL-5-OXYARYL-OCTAHYDRO-CYCLOPENTA[C]PYRROLE NEGATIVE ALLOSTERIC MODULATORS OF NR2B**
[54] **COMPOSES N-ALKYLARYL-5-OXYARYL-OCTAHYDRO-CYCLOPENTA[C]PYRROLE UTILISES COMME MODULATEURS ALLOSTERIQUES NEGATIFS DE NR2B**
[72] ANDERSON, DAVID R., US
[72] VOLKMANN, ROBERT A., US
[72] MENNITI, FRANK S., US
[71] LUC THERAPEUTICS, INC., US
[85] 2017-03-24
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[51] **Int.Cl. E05B 47/06 (2006.01)**
[25] EN
[54] **LOCK DRIVE ASSEMBLIES**
[54] **ENSEMBLES D'ENTRAINEMENT DE SERRURE**
[72] VASUDEVAN, SUNDAR RAJ DORE, IN
[72] BANGARU, DILIP, IN
[72] LITWINSKI, ADAM MICHAEL, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-03-24
[86] 2015-09-03 (PCT/US2015/048337)
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[30] US (14/476,159) 2014-09-03

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[51] **Int.Cl. E21B 43/17 (2006.01) E21B 43/26 (2006.01) E21B 47/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR HYDRAULIC FRACTURE DIAGNOSIS WITH THE USE OF A COILED TUBING DUAL ISOLATION SERVICE TOOL**
[54] **PROCEDE ET SYSTEME POUR DIAGNOSTIC DE FRACTURE HYDRAULIQUE A L'AIDE D'UN OUTIL DE SERVICE D'ISOLATION DOUBLE A COLONNE DE PRODUCTION SPIRALEE**
[72] FLORES, JUAN CARLOS, US
[72] FROST, ELTON, JR., US
[72] QUINN, TERRENCE H., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-03-24
[86] 2015-09-09 (PCT/US2015/049230)
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[30] US (14/495,793) 2014-09-24

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[13] A1
[51] **Int.Cl. G06F 7/04 (2006.01)**
[25] EN
[54] **ACCESS TO SOFTWARE APPLICATIONS**
[54] **ACCES A DES APPLICATIONS LOGICIELLES**
[72] SOMANI, HANIFF, US
[72] HAWKINS, SIAVASH JAMES JOORABCHIAN, US
[71] GOOD TECHNOLOGY HOLDINGS LIMITED, CA
[85] 2017-03-24
[86] 2015-09-23 (PCT/US2015/051773)
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[30] US (62/055,857) 2014-09-26

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[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/18 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **CONCENTRIC COIL TUBING DEPLOYMENT FOR HYDRAULIC FRACTURE APPLICATION**
[54] **MISE EN □UVRE DE TUBAGE ENROULE CONCENTRIQUE POUR APPLICATION DE FRACTURE HYDRAULIQUE**
[72] FLORES, JUAN CARLOS, US
[72] CASTRO, LUIS A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-03-24
[86] 2015-09-10 (PCT/US2015/049415)
[87] (WO2016/048675)
[30] US (14/495,635) 2014-09-24

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[13] A1
[51] **Int.Cl. A61B 5/021 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR THE CONTINOUS ESTIMATION OF HUMAN BLOOD PRESSURE USING VIDEO IMAGES**
[54] **PROCEDE ET APPAREIL POUR L'ESTIMATION CONTINUE DE LA PRESSION SANGUINE HUMAINE AU MOYEN D'IMAGES VIDEO**
[72] WHITE, CRAIG WILLIAM, US
[72] AGUILAR-COUTINO, ARTEMIO, US
[72] VILLAREAL-GARZA, PROCOPIO, US
[71] LAKELAND VENTURES DEVELOPMENT, LLC, US
[85] 2017-03-24
[86] 2015-09-04 (PCT/US2015/048491)
[87] (WO2016/037033)
[30] US (62/046,892) 2014-09-05

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[51] **Int.Cl. C10M 107/06 (2006.01) B01J 31/22 (2006.01) C08F 4/64 (2006.01)**
[25] EN
[54] **THERMAL GREASE BASED ON HYPERBRANCHED OLEFINIC FLUID**
[54] **GRAISSE THERMIQUE A BASE DE FLUIDE OLEFINIQUE HYPERRAMIFIE**
[72] YANG, YUNFENG, CN
[72] CHEN, HONGYU, CN
[72] BAILEY, BRAD C., US
[72] HAN, SUH JOON, US
[72] ESSEGHIR, MOHAMED, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. B23B 37/00 (2006.01) B23B 47/04 (2006.01) B23Q 1/00 (2006.01)**
[25] EN
[54] **CLOSED-LOOP METALWORKING SYSTEM**
[54] **SYSTEME DE TRAVAIL DES METAUX EN BOUCLE FERMEE**
[72] SHORT, MATTHEW A., US
[71] EDISON WELDING INSTITUTE, INC., US
[85] 2017-03-24
[86] 2015-09-11 (PCT/US2015/049676)
[87] (WO2017/039709)
[30] US (14/846,064) 2015-09-04

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[51] **Int.Cl. E21B 23/02 (2006.01) E21B 23/03 (2006.01) E21B 33/04 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **LOAD SHOULDER SYSTEM**
[54] **SYSTEME A EPAULEMENT DE CHARGE**
[72] NGUYEN, DENNIS P., US
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2017-03-24
[86] 2015-09-15 (PCT/US2015/050302)
[87] (WO2016/048726)
[30] US (14/498,815) 2014-09-26

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[13] A1
[51] **Int.Cl. B60Q 1/00 (2006.01) F21S 8/10 (2006.01) F21V 29/00 (2015.01)**
[25] EN
[54] **HEADLAMP WITH LENS REFLECTOR SUBASSEMBLY**
[54] **PHARE AVEC SOUS-ENSEMBLE LENTILLE-REFLECTEUR**
[72] FELMLEE, ALAN, US
[72] KOLSTEE, TODD, US
[71] TRUCK-LITE CO., LLC, US
[85] 2017-03-24
[86] 2015-09-24 (PCT/US2015/051840)
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[30] US (62/054,979) 2014-09-24
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[51] **Int.Cl. B64D 17/74 (2006.01)**
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[54] **DANGER AVOIDANCE APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE PREVENTION DE DANGER ET PROCEDE D'UTILISATION**
[72] CHOLHAN, HILARY J., US
[72] CHOLHAN, REMY, US
[71] CHOPRIX LLC, US
[85] 2017-03-24
[86] 2015-09-24 (PCT/US2015/052065)
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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/09 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MICRORNA BIOMARKERS FOR POSTTRAUMATIC STRESS DISORDER AND METHODS OF USE THEREOF**
[54] **BIOMARQUEURS DE TYPE MICROARN POUR UN ETAT DE STRESS POST-TRAUMATIQUE ET LEURS METHODES D'UTILISATION**
[72] POLLARD, HARVEY B., US
[72] BISWAS, ROOPA, US
[71] THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC., US
[85] 2017-03-24
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[30] US (62/055,934) 2014-09-26

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[51] **Int.Cl. G01N 15/14 (2006.01) G01N 1/40 (2006.01)**
[25] EN
[54] **PHASE-MODULATED STANDING WAVE MIXING APPARATUS AND METHODS**
[54] **APPAREIL ET PROCEDES DE MELANGE A ONDES STATIONNAIRES MODULEES EN PHASE**
[72] KRUFKA, STEPHEN, US
[72] HADDAD, ANTOINE, US
[72] TAYLOR, JEFFREY, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2017-03-24
[86] 2015-09-16 (PCT/US2015/050492)
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[30] US (62/056,194) 2014-09-26

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[51] **Int.Cl. G06F 9/455 (2006.01)**
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[54] **MANAGEMENT OF APPLICATION ACCESS TO DIRECTORIES BY A HOSTED DIRECTORY SERVICE**
[54] **GESTION D'UN ACCES D'APPLICATION A DES REPERTOIRES PAR UN SERVICE DE REPERTOIRE HEBERGE**
[72] MEHTA, GAURANG PANKAJ, US
[72] SHAH, SHON KIRAN, US
[72] RAI, KRITHI, US
[72] RAO, GURUPRAKASH BANGALORE, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-03-24
[86] 2015-09-24 (PCT/US2015/051937)
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[51] **Int.Cl. F03G 3/00 (2006.01)**
[25] EN
[54] **PROPULSION SYSTEM**
[54] **SYSTEME DE PROPULSION**
[72] PLEWS, DENNIS J., US
[71] PLEWS, DENNIS J., US
[85] 2017-03-24
[86] 2015-09-25 (PCT/US2015/052293)
[87] (WO2016/049491)
[30] US (14/498,654) 2014-09-26
[30] US (14/666,989) 2015-03-24

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[51] **Int.Cl. B61B 7/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICE FOR PROVIDING ENERGY TO SYSTEMS ON MOBILE UNITS**
[54] **PROCEDES ET DISPOSITIF DE FOURNITURE D'ENERGIE A DES SYSTEMES SUR DES UNITES MOBILES**
[72] CONNORS, JEFFREY, US
[72] PEYERL, FREDDIE, US
[72] VENDEKEMP, GERRIT, US
[71] ALPINE MEDIA TECHNOLOGIES, LLC, US
[85] 2017-03-24
[86] 2015-09-25 (PCT/US2015/052396)
[87] (WO2016/049550)
[30] US (62/055,358) 2014-09-25

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[51] **Int.Cl. C04B 35/571 (2006.01) C01B 33/021 (2006.01) C01B 33/037 (2006.01) C30B 29/36 (2006.01) F41H 5/02 (2006.01)**
[25] EN
[54] **POLYSILOCARB BASED SILICON CARBIDE MATERIALS, APPLICATIONS AND DEVICES**
[54] **MATERIAUX, APPLICATIONS ET DISPOSITIFS DE CARBURE DE SILICIUM A BASE DE POLYSILOCARB**
[72] DIWANJI, ASHISH, P., US
[72] HOPKINS, ANDREW, R., US
[72] SHERWOOD, WALTER, J., US
[72] DUKES, DOUGLAS, M., US
[72] SANDGREN, GLENN, US
[72] LAND, MARK, S., US
[72] BENAC, BRIAN, L., US
[71] MELIOR INNOVATIONS, INC., US
[85] 2017-03-24
[86] 2015-09-24 (PCT/US2015/051997)
[87] (WO2016/049344)
[30] US (62/055,397) 2014-09-25
[30] US (62/055,497) 2014-09-25
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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **BI-SPECIFIC MONOVALENT DIABODIES THAT ARE CAPABLE OF BINDING CD19 AND CD3, AND USES THEREOF**
[54] **ANTICORPS DIMERIQUES MONOVALENTS BISPECIFIQUES A REGION CAPABLES DE SE LIER A CD19 ET A CD3 ET LEURS UTILISATIONS**
[72] JOHNSON, LESLIE S., US
[72] BONVINI, EZIO, US
[72] LAM, CHIA-YING KAO, US
[72] MOORE, PAUL A., US
[72] LIU, LIQIN, US
[72] KOENIG, SCOTT, US
[71] MACROGENICS, INC., US
[85] 2017-03-24
[86] 2015-09-22 (PCT/US2015/051314)
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[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/06 (2006.01) E21B 17/04 (2006.01) E21B 47/00 (2012.01) E21B 47/06 (2012.01)**
[25] EN
[54] **END FITTING FOR SUCKER RODS**
[54] **RACCORD D'EXTREMITE POUR TIGES DE POMPAGE**
[72] GERNENTZ, RYAN SCOTT, US
[72] MARTIN, DUSTIN WAYNE, US
[72] HRICISAK, KAROL, US
[71] ENDURANCE LIFT SOLUTIONS, LLC, US
[85] 2017-03-24
[86] 2015-10-09 (PCT/US2015/055026)
[87] (WO2016/057977)
[30] US (62/062,541) 2014-10-10
[30] US (62/062,561) 2014-10-10

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[51] **Int.Cl. A47J 31/10 (2006.01)**
[25] EN
[54] **BEVERAGE BREWING SYSTEMS AND METHODS FOR USING THE SAME**
[54] **SYSTEMES DE BRASSAGE DE BOISSON ET LEURS PROCEDES D'UTILISATION**
[72] BURROWS, BRUCE D., US
[71] REMINGTON DESIGNS, LLC, US
[85] 2017-03-24
[86] 2015-10-06 (PCT/US2015/054312)
[87] (WO2016/057568)
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[51] **Int.Cl. C02F 1/04 (2006.01) B01D 5/00 (2006.01) C02F 5/02 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **SELECTIVE SCALING IN DESALINATION WATER TREATMENT SYSTEMS AND ASSOCIATED METHODS**
[54] **DETARTRAGE SELECTIF DANS DES SYSTEMES DE TRAITEMENT DE L'EAU PAR DESSALEMENT ET PROCEDES ASSOCIES**
[72] GOVINDAN, PRAKASH NARAYAN, US
[72] LAM, STEVEN, US
[72] ST. JOHN, MAXIMUS G., US
[72] ANDREWS, JONN-ROSS, US
[71] GRADIANT CORPORATION, US
[85] 2017-03-24
[86] 2015-10-21 (PCT/US2015/056575)
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[30] US (62/067,318) 2014-10-22

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[25] EN
[54] **PHARMACEUTICAL PRODUCT**
[54] **PRODUIT PHARMACEUTIQUE**
[72] SUGIMOTO, SHIN, JP
[71] KOWA COMPANY, LTD., JP
[85] 2017-03-24
[86] 2015-09-25 (PCT/JP2015/077014)
[87] (WO2016/047720)
[30] JP (2014-194965) 2014-09-25

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[25] EN
[54] **PHARMACEUTICAL PREPARATION**
[54] **PREPARATION PHARMACEUTIQUE**
[72] ODA, HIROSHI, JP
[72] SUZUKI, YUUKI, JP
[71] KOWA COMPANY, LTD., JP
[85] 2017-03-24
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR INJECTION**
[54] **COMPOSITION PHARMACEUTIQUE POUR INJECTION**
[72] TANAKA, SATOSHI, JP
[72] NAKATANI, TOMOMI, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2017-03-24
[86] 2015-09-26 (PCT/JP2015/077223)
[87] (WO2016/047797)
[30] JP (2014-197667) 2014-09-27

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[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01)**
[25] EN
[54] **DYNAMIC CODE DEPLOYMENT AND VERSIONING**
[54] **DEPLOIEMENT ET VERSIONNAGE DYNAMIQUES DE CODE**
[72] WAGNER, TIMOTHY ALLEN, US
[72] REQUE, SEAN PHILIP, US
[72] MANWARING, DEREK STEVEN, US
[72] ZHAO, XIN, US
[72] THOMAS, DYLAN CHANDLER, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-03-24
[86] 2015-09-29 (PCT/US2015/052833)
[87] (WO2016/053968)
[30] US (14/502,620) 2014-09-30

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[13] A1
[51] **Int.Cl. G06F 9/455 (2006.01)**
[25] EN
[54] **PROGRAMMATIC EVENT DETECTION AND MESSAGE GENERATION FOR REQUESTS TO EXECUTE PROGRAM CODE**
[54] **DETECTION D'EVENEMENT PROGRAMMATIQUE ET PRODUCTION DE MESSAGE POUR DEMANDES D'EXECUTION DE CODE DE PROGRAMME**
[72] WAGNER, TIMOTHY ALLEN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-03-24
[86] 2015-09-29 (PCT/US2015/052838)
[87] (WO2016/053973)
[30] US (14/502,648) 2014-09-30

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[13] A1
[51] **Int.Cl. G06F 9/455 (2006.01)**
[25] EN
[54] **THREADING AS A SERVICE**
[54] **FIL D'INSTRUCTION EN TANT QUE SERVICE**
[72] WAGNER, TIMOTHY ALLEN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-03-24
[86] 2015-09-29 (PCT/US2015/052810)
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[30] US (14/502,992) 2014-09-30

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[13] A1
[51] **Int.Cl. G05B 23/00 (2006.01) H04W 4/00 (2009.01)**
[25] EN
[54] **TELEMATICS SYSTEM, METHODS AND APPARATUS FOR TWO-WAY DATA COMMUNICATION BETWEEN VEHICLES IN A FLEET AND A FLEET MANAGEMENT SYSTEM**
[54] **SYSTEME TELEMATIQUE, PROCEDES ET APPAREIL DE COMMUNICATION BIDIRECTIONNELLE DE DONNEES ENTRE DES VEHICULES DANS UNE FLOTTE, ET UN SYSTEME DE GESTION DE FLOTTE**
[72] LEE, SANG J., US
[72] GHALIB, SYED NAVEED, US
[71] AVIS BUDGET CAR RENTAL, LLC, US
[85] 2017-03-24
[86] 2015-09-29 (PCT/US2015/052895)
[87] (WO2016/054010)
[30] US (14/500,750) 2014-09-29

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[51] **Int.Cl. G10L 15/183 (2013.01) G10L 15/22 (2006.01) H04M 3/493 (2006.01)**
[25] EN
[54] **VOICE AND CONNECTION PLATFORM**
[54] **PLATE-FORME VOCALE ET DE CONNEXION**
[72] RENARD, GREGORY, US
[72] HERBAUX, MATHIAS, FR
[71] XBRAIN, INC., US
[85] 2017-03-24
[86] 2015-09-30 (PCT/US2015/053251)
[87] (WO2016/054230)
[30] US (62/058,508) 2014-10-01

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[13] A1
[51] **Int.Cl. H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **ELECTROLYTE FILM FOR FUEL CELL**
[54] **FILM ELECTROLYTIQUE POUR PILE A COMBUSTIBLE**
[72] MARUYAMA, MASASHI, JP
[72] YANO, YOSHIKAZU, JP
[72] SUZUKI, TAKEYUKI, JP
[72] TAKANE, TOMOYUKI, JP
[71] W.L. GORE & ASSOCIATES, CO., LTD., JP
[85] 2017-03-24
[86] 2015-09-29 (PCT/JP2015/077550)
[87] (WO2016/056430)
[30] JP (2014-209384) 2014-10-10

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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR EMAIL PRIVACY, SECURITY AND INFORMATION THEFT DETECTION**
[54] **PROCEDE ET SYSTEME CONCERNANT LA SECURITE ET LA CONFIDENTIALITE DU COURRIER ELECTRONIQUE ET LA DETECTION DE VOL D'INFORMATIONS**
[72] PAREKH, SANJAY, US
[71] PAREKH, SANJAY, US
[85] 2017-03-24
[86] 2015-09-28 (PCT/US2015/052691)
[87] (WO2016/049644)
[30] US (62/055,847) 2014-09-26

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[13] A1
[51] **Int.Cl. A61K 39/245 (2006.01) A61P 31/22 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOSITIONS AND METHODS FOR INDUCING AN IMMUNE RESPONSE TO HERPES SIMPLEX VIRUS TYPE 2 (HSV-2)**
[54] **COMPOSITIONS THERAPEUTIQUES ET METHODES POUR INDUIRE UNE REPONSE IMMUNITAIRE CONTRE LE VIRUS HERPES SIMPLEX DE TYPE 2 (HSV-2)**
[72] DUTTON, JULIE, AU
[72] FRAZER, IAN, AU
[71] ADMEDUS VACCINES PTY LTD, AU
[85] 2017-03-27
[86] 2015-10-01 (PCT/AU2015/050596)
[87] (WO2016/049705)
[30] AU (2014903921) 2014-10-01

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[13] A1
[51] **Int.Cl. A61K 38/10 (2006.01)**
[25] EN
[54] **NOVEL .ALPHA.4.BETA.7 PEPTIDE MONOMER AND DIMER ANTAGONISTS**
[54] **NOUVEAUX ANTAGONISTES PEPTIDIQUES MONOMERES ET DIMERES DE .ALPHA.4.BETA.7**
[72] BHANDARI, ASHOK, US
[72] PATEL, DINESH V., US
[72] ZEMEDE, GENET, US
[72] MATTHEAKIS, LARRY C., US
[72] LIU, DAVID, US
[71] PROTAGONIST THERAPEUTICS, INC., US
[85] 2017-03-24
[86] 2015-10-01 (PCT/US2015/053558)
[87] (WO2016/054411)
[30] US (62/058,506) 2014-10-01
[30] US (62/058,510) 2014-10-01
[30] US (62/149,257) 2015-04-17
[30] US (62/192,934) 2015-07-15

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[13] A1
[51] **Int.Cl. A45C 11/26 (2006.01)**
[25] EN
[54] **PACKAGING FOR TOOL HANDLE WITH INTERNAL STORAGE CAVITY AND REMOVABLE CAP**
[54] **EMBALLAGE POUR MANCHE D'OUTIL A CAVITE DE STOCKAGE INTERNE ET CAPUCHON AMOVIBLE**
[72] FARLAND, RICHARD M., US
[72] TALBOT, COREY, US
[71] HYDE TOOLS, INC., US
[71] FARLAND, RICHARD M., US
[71] TALBOT, COREY, US
[85] 2017-03-24
[86] 2015-10-02 (PCT/US2015/053655)
[87] (WO2016/054473)
[30] US (62/058,720) 2014-10-02
[30] US (14/868,635) 2015-09-29

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[51] **Int.Cl. C22C 38/00 (2006.01) H01M 8/0202 (2016.01) B21B 1/22 (2006.01) B21B 3/02 (2006.01) C21D 9/46 (2006.01) C22C 38/50 (2006.01) H01M 8/12 (2016.01)**
[25] EN
[54] **STEEL FOR SOLID OXIDE FUEL CELLS AND METHOD FOR PRODUCING SAME**
[54] **ACIER POUR PILES A COMBUSTIBLE A OXYDE SOLIDE, ET SON PROCEDE DE FABRICATION**
[72] YAMAMURA, KAZUHIRO, JP
[72] UEHARA, TOSHIHIRO, JP
[72] TANAKA, SHIGENORI, JP
[71] HITACHI METALS, LTD., JP
[85] 2017-03-24
[86] 2015-09-30 (PCT/JP2015/077679)
[87] (WO2016/052591)
[30] JP (2014-199725) 2014-09-30

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) G06T 7/30 (2017.01) A61B 5/00 (2006.01) A61B 5/055 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND DEVICE FOR REGISTERING SURGICAL IMAGES**
[54] **PROCEDE ET DISPOSITIF POUR L'ENREGISTREMENT D'IMAGES CHIRURGICALES**
[72] MAK, SIU WAI JACKY, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] VUONG, THANH VINH, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-03-27
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[51] **Int.Cl. A61L 27/40 (2006.01) A61L 27/20 (2006.01) A61L 27/24 (2006.01) A61L 27/44 (2006.01)**
[25] EN
[54] **MATRIX FOR RESTORING SOFT TISSUE AND PRODUCING METHOD THEREFOR**
[54] **MATRICE DE RESTAURATION DE TISSU MOU ET PROCEDE DE FABRICATION ASSOCIE**
[72] KIM, KI SOO, KR
[72] YOO, JI CHUL, KR
[72] YEO, SE KEN, KR
[72] CHOI, SANG BUM, KR
[72] KO, CHANG KWON, KR
[72] SUH, DONG SAM, KR
[72] CHANG, CHEONG HO, KR
[71] SEWONCELLONTECH CO., LTD., KR
[85] 2017-03-24
[86] 2014-09-29 (PCT/KR2014/009078)
[87] (WO2016/047834)
[30] KR (10-2014-0128919) 2014-09-26

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[13] A1
[51] **Int.Cl. A61K 35/33 (2015.01) A61K 35/15 (2015.01) A61K 31/198 (2006.01) A61P 3/10 (2006.01) A61P 17/14 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **A COMBINATION OF KYNURENINE AND ANTIGEN PRESENTING CELLS (APC) AS THERAPEUTICS AND METHODS FOR THEIR USE IN IMMUNE MODULATION**
[54] **ASSOCIATION DE KYNURENINE ET DE CELLULES PRESENTATRICES D'ANTIGENE (CPA) EN TANT QU'AGENT THERAPEUTIQUE, ET METHODES D'UTILISATION DE CETTE DERNIERE DANS LA MODULATION IMMUNITAIRE**
[72] GHAHARY, AZIZ, CA
[72] JALILI, REZA B., CA
[72] KILANI, RUHANGIZ T., CA
[72] LI, YUNYUAN, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2017-03-27
[86] 2015-09-25 (PCT/CA2015/000506)
[87] (WO2016/044922)
[30] US (62/055,823) 2014-09-26
[30] US (62/087,156) 2014-12-03

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[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 8/19 (2006.01) A61K 8/97 (2017.01) A61N 1/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DETOXIFYING SCALP USING HENNA**
[54] **PROCEDE ET DISPOSITIF POUR DETOXIQUER UN CUIR CHEVELU A L'AIDE D'HENNE**
[72] PARK, DUHEON, KR
[71] EDP INC, KR
[85] 2017-03-24
[86] 2015-07-30 (PCT/KR2015/007973)
[87] (WO2016/032136)
[30] KR (10-2014-0110931) 2014-08-25

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/00 (2006.01)**
[25] EN
[54] **A COMPUTER IMPLEMENTED METHOD OF DETERMINING ATHLETIC APTITUDE**
[54] **PROCEDE MIS EN □UVRE PAR ORDINATEUR POUR DETERMINER UNE APTITUDE ATHLETIQUE**
[72] ROSANO, MARCO, AU
[72] DIMACHKI, ADHAM, AU
[71] ROOKIE ME IP PTY LTD, AU
[85] 2017-03-27
[86] 2014-09-29 (PCT/AU2014/050255)
[87] (WO2015/042667)
[30] AU (2013903744) 2013-09-27

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[13] A1
[51] **Int.Cl. F24C 7/02 (2006.01) F24C 7/08 (2006.01)**
[25] EN
[54] **MICROWAVE OVEN THAWING CONTROL METHOD, DEVICE, AND MICROWAVE OVEN**
[54] **PROCEDE DE COMMANDE DE DECONGELATION AU FOUR A MICRO-ONDES, DISPOSITIF ET FOUR A MICRO-ONDES**
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[54] **PROCEDE ET APPAREIL PERMETTANT LA FABRICATION DE MATERIAU ABSORBANT L'EAU ET SON UTILISATION DANS UNE LITIERE POUR CHATS**
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[71] 7905122 CANADA INC., CA
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[72] MALLINSON, JAYANANDA, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[71] TORUS TECH LLC, US
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[71] REMINGTON DESIGNS, LLC, US
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[71] GENETIC TECHNOLOGIES LIMITED, AU
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[54] **MODELES ANIMAUX, LIGNEES CELLULAIRES ET PROCEDES DE CRIBLAGE DE VACCINS CONTRE LE VIRUS DE L'HEPATITE C**
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[54] **ECHANGEUR DE CHALEUR A JOINT DE DERIVATION AUTOSTATIQUE**
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[72] SHORE, COLIN A., CA
[72] KINDER, LEE M., CA
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[72] ZHANG, YUEQIANG, CN
[72] SUN, XIAO, CN
[72] XIONG, AIMING, CN
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[72] ZUCKERWAR, ALLAN J. (DECEASED), US
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[72] WU, LIANG, US
[72] MOK, MICHAEL ANDREW, US
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[72] AL AWADHI, FARHAAD KHALED SAEED MOHAMED, AE
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[72] NOBLE, CHARLES O., US
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[54] **METHOD FOR PRODUCING A FOAM WEB**
[54] **PROCEDE DE FABRICATION D'UNE BANDE EN MOUSSE**
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[72] RASANEN, JARI, FI
[71] STORA ENSO OYJ, FI
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[54] **PROCEDE DE PURIFICATION DE LIGNINE EN SOUMETTANT UNE BOUILLIE COMPRENANT DE LA LIGNINE A UN CHAMP ELECTRIQUE**
[72] HEISKANEN, ISTO, FI
[72] BACKFOLK, KAJ, FI
[72] GAIDELIS, VALENTAS, LT
[72] SIDARAVICIUS, JONAS, LT
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[54] **PROCEDES POUR EMPECHER L'ACTIVATION DES FOLLICULES PREMATUREE**
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[54] **PROCEDE DE SOUDAGE AU LASER DE MATERIAU AYANT DIFFERENTES EPAISSEURS, ET ELEMENT DE SOUDAGE POUR DIFFERENTES EPAISSEURS METTANT EN □UVRE CE PROCEDE**
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[72] OGAWA, KENJI, JP
[72] NAKAKO, TAKEFUMI, JP
[72] YAMAMOTO, KEIJI, JP
[71] NISSHIN STEEL CO., LTD., JP
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[72] KUTSUZAWA, SHINTARO, JP
[71] YOSHINO KOGYOSYO CO., LTD., JP
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[54] **SEL DE COMPOSE D'ACIDE DICARBOXYLIQUE**
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[72] UEDA, YASUSI, JP
[72] FUKATSU, DAISUKE, JP
[72] AKI, YUICHI, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **METHOD FOR PRODUCING TEBBE COMPLEX**
[54] **PROCEDE DE PRODUCTION D'UN COMPLEXE DE TEBBE**
[72] HATAE, SHINJI, JP
[72] SUNAGA, SYUICHI, JP
[72] TSUJI, TOMOAKI, JP
[71] KURARAY CO., LTD., JP
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[54] **IDENTIFICATION DE TYPE ET D'ETAT DE MATERIAU DANS UNE TREMIE DE MATERIAU EN VRAC SEC**
[72] HOLDEN, KRISTIN KATHERINE, US
[72] FREESE, ROBERT PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COATED METAL SHEET FOR AUTOMOBILE EXCELLENT IN RUST RESISTANCE IN LOW TEMPERATURE RUNNING ENVIRONMENTS**
[54] **PLAQUE METALLIQUE REVETUE POUR VEHICULE AUTOMOBILE PRESENTANT D'EXCELLENTES PROPRIETES ANTIROUILLE DANS DES ENVIRONNEMENTS DE DEPLACEMENT A BASSES TEMPERATURES**
[72] YUASA, KENSEI, JP
[72] MORI, YOICHIRO, JP
[72] WADA, YUSUKE, JP
[72] NAMBO, MITSUTAKA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **FREE ENERGY CALCULATION DEVICE, METHOD, PROGRAM, AND RECORDING MEDIUM WITH THE PROGRAM RECORDED THEREON**
[54] **DISPOSITIF, PROCEDE, PROGRAMME ET SUPPORT D'ENREGISTREMENT SUR LEQUEL LEDIT PROGRAMME EST ENREGISTRE PERMETTANT DE CALCULER UNE ENERGIE LIBRE**
[72] MATUBAYASI, NOBUYUKI, JP
[72] MASUDA, TOMOHIDE, JP
[72] TANIMURA, RYUJI, JP
[71] OSAKA UNIVERSITY, JP
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[54] **STRUCTURE D'AUBES FIXES ET TURBOREACTEUR METTANT EN OEUVRE CELLE-CI**
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[72] KAJIWARA, RINTAROU, JP
[72] INADA, TAKAOMI, JP
[72] ENOKI, TOMONORI, JP
[71] IHI CORPORATION, JP
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[54] **CARBON SHEET, GAS DIFFUSION ELECTRODE SUBSTRATE AND FUEL CELL**
[54] **FEUILLE DE CARBONE, MATERIAU DE BASE D'ELECTRODE DE DIFFUSION DE GAZ, ET PILE A COMBUSTIBLE**
[72] TANIMURA, YASUAKI, JP
[72] CHIDA, TAKASHI, JP
[72] SUGAHARA, TORU, JP
[72] UTSUNOMIYA, MASAMICHI, JP
[72] KAMAE, TOSHIYA, JP
[72] SODE, KATSUYA, JP
[72] ANDO, TAKASHI, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **DEPLOIEMENT DE GRAPHITE EXPANSIBLE**
[72] ZHAO, LEI, US
[72] NEWMAN, CALEB R., US
[72] WOOD, EDWARD T., US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
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[54] **FEUILLE DE CARBONE, MATERIAU DE BASE D'ELECTRODE DE DIFFUSION DE GAZ, ET PILE A COMBUSTIBLE**
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[72] UTSUNOMIYA, MASAMICHI, JP
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[71] CLA-VAL CO., US
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[72] AMANO, HIROSHI, JP
[72] OOI, NOBUYUKI, JP
[72] HIRAIWA, YUUSUKE, JP
[71] UBE INDUSTRIES, LTD., JP
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[54] **VETEMENT POUR PARTIE INFERIEURE DU CORPS**
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[72] MIYAMURA, TAKAKO, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **APPARATUSES FOR TREATING CARDIAC DYSFUNCTION**
[54] **APPAREILS PERMETTANT DE TRAITER UN DYSFONCTIONNEMENT CARDIAQUE**
[72] ALEXANDER, MILES D., US
[71] CARDIOKINETIX, INC., US
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[54] **EQUIPEMENT DE PROTECTION COMPRENANT UN SYSTEME D'ALARME**
[72] HATANAKA, YUKO, JP
[72] NAKAMURA, TOMOKI, JP
[71] TEIJIN LIMITED, JP
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[54] **PIPELINE WIRELESS SENSOR NETWORK**
[54] **RESEAU DE CAPTEURS SANS FIL DE CANALISATION**
[72] OCALAN, MURAT, US
[71] RHEIDIANT, INC., US
[85] 2017-03-27
[86] 2015-09-22 (PCT/US2015/051350)
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[54] **METHODS AND COMPOSITIONS FOR MODULATING TH-GM CELL FUNCTION**
[54] **METHODES ET COMPOSITIONS POUR MODULER LA FONCTION D'UN LYMPHOCYTE TH-GM AUXILIAIRE**
[72] FU, XIN-YUAN, SG
[72] SHENG, WANQIANG, US
[72] ZHANG, YONGLIANG, SG
[72] YANG, FAN, SG
[71] NATIONAL UNIVERSITY OF SINGAPORE, SG
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[54] **WATER SPLITTING METHOD AND SYSTEM**
[54] **SYSTEME ET PROCEDE DE DECOMPOSITION DE L'EAU**
[72] NAAMAN, RON, IL
[72] FONTANESI, CLAUDIO, IL
[72] MTANGI, WILBERT, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
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[54] **REAL-TIME REPORTING BASED ON INSTRUMENTATION OF SOFTWARE**
[54] **COMPTE-RENDU EN TEMPS REEL SUR LA BASE DE L'INSTRUMENTATION DE LOGICIELS**
[72] LIU, PHILLIP, US
[72] MUKHERJI, ARIJIT, US
[72] RAMAN, RAJESH, US
[72] GRANDY, KRIS, US
[72] LINDAMOOD, JACK, US
[71] SIGNALFX, INC., US
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[54] **TRANSDUCTEURS ACOUSTIQUES AJUSTABLES POUR UN OUTIL DE FOND DE TROU**
[72] NGUYEN, MINH DANG, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **HOLLOW-FIBER MEMBRANE BLOOD PURIFICATION DEVICE**
[54] **DISPOSITIF DE PURIFICATION DU SANG DU TYPE MEMBRANE A FIBRES CREUSES**
[72] HATA, YOSUKE, JP
[72] KAWANO, CHIHARU, JP
[72] HORI, RYOKO, JP
[71] ASAHI KASEI MEDICAL CO., LTD., JP
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[54] **COLORANTS THERMOCHROMIQUES ROUGES ET COMPOSITIONS D'ENCRE CORRESPONDANTES**
[72] WANG, RUIZHENG, US
[72] ABRAHA, MEDHANEI, US
[72] DU, YU, US
[72] HAUGBERG, ROSS, US
[71] CHROMATIC TECHNOLOGIES INC., US
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[25] EN
[54] **POLYSACCHARIDE AND NUCLEIC ACID FORMULATIONS CONTAINING VISCOSITY-LOWERING AGENTS**
[54] **FORMULATIONS DE POLYSACCHARIDES ET D'ACIDES NUCLEIQUES CONTENANT DES AGENTS REDUCTEURS DE VISCOSITE**
[72] LARSON, ALYSSA M., US
[72] LOVE, KEVIN, US
[72] WEIGHT, ALISHA K., US
[72] CRANE, ALAN, US
[72] LANGER, ROBERT S., US
[72] KLIBANOV, ALEXANDER M., US
[71] EAGLE BIOLOGICS, INC., US
[85] 2017-03-27
[86] 2015-09-30 (PCT/US2015/053313)
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[54] **4'-VINYL SUBSTITUTED NUCLEOSIDE DERIVATIVES AS INHIBITORS OF RESPIRATORY SYNCYTIAL VIRUS RNA REPLICATION**
[54] **DERIVES DE NUCLEOSIDE 4'-VINYLE SUBSTITUES UTILES EN TANT QU'INHIBITEURS DE LA REPLICATION DUE L'ARN DU VIRUS RESPIRATOIRE SYNCYTIAL**
[72] SMITH, MARK, US
[72] KLUMPP, KLAUS G., US
[71] RIBOSCIENCE LLC, US
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[54] **VIBRATION-DAMPENING AIR COMPRESSOR ASSEMBLY**
[54] **ENSEMBLE COMPRESSEUR D'AIR AMORTISSANT LES VIBRATIONS**
[72] RADO, GORDON, E., US
[71] SCOTT TECHNOLOGIES, INC., US
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[54] **WEARABLE COMPTUING DEVICE AND METHOD FOR CROWD CONTROL**
[54] **DISPOSITIF INFORMATIQUE VESTIMENTAIRE ET PROCEDE DE CANALISATION DE FOULE**
[72] DERIA, MOHAMMED YUSUF, GB
[72] MOHAMOUD, AHMED MOHAMED, GB
[71] TAG TEAM (WORLD) MALTA LIMITED, MT
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[54] **LOW-TO-MID-RANGE WATER REDUCTION USING POLYCARBOXYLATE COMB POLYMERS**
[54] **REDUCTION D'EAU FAIBLE A MILIEU DE GAMME A L'AIDE DE POLYMERES DE POLYCARBOXYLATE EN PEIGNE**
[72] KUO, LAWRENCE L., US
[72] GOC-MACIEJEWSKA, IZABELA, PL
[72] JASKULA, NATALIA, PL
[71] GCP APPLIED TECHNOLOGIES INC., US
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[54] **METHODS AND SYSTEMS FOR DETECTION OF A GENETIC MUTATION**
[54] **PROCEDES ET SYSTEMES DE DETECTION D'UNE MUTATION GENETIQUE**
[72] KIM, IL-JIN, US
[72] JABLONS, DAVID, US
[72] ROMERO, PEDRO JUAN MENDEZ, US
[72] YOON, JUN-HEE, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PARAMETER LOADER FOR ULTRASOUND PROBE AND RELATED APPARATUS AND METHODS**
[54] **CHARGEUR DE PARAMETRE POUR SONDE A ULTRASONS, ET APPAREIL ET PROCEDES ASSOCIES**
[72] RALSTON, TYLER S., US
[72] CASPER, ANDREW J., US
[72] SANCHEZ, NEVADA J., US
[71] BUTTERFLY NETWORK, INC., US
[85] 2017-03-27
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[25] EN
[54] **ULTRASOUND SIGNAL PROCESSING CIRCUITRY AND RELATED APPARATUS AND METHODS**
[54] **CIRCUITERIE DE TRAITEMENT DE SIGNAL A ULTRASONS, ET APPAREIL ET PROCEDES ASSOCIES**
[72] RALSTON, TYLER S., US
[72] SANCHEZ, NEVADA J., US
[71] BUTTERFLY NETWORK, INC., US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR ATTENUATING ALLERGENICITY IN PROTEIN PRODUCTS**
[54] **PROCEDES ET COMPOSITIONS POUR ATTENUER L'ALLERGENICITE DANS DES PRODUITS PROTEINES**
[72] LILA, MARY ANN, US
[72] GRACE, MARY H., US
[71] NORTH CAROLINA STATE UNIVERSITY, US
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[54] **PYRIDO-OXAZINONE DERIVATIVES AS TNAP INHIBITORS**
[54] **DERIVES DE PYRIDO-OXAZINONE UTILISE COMME INHIBITEURS DE TNAP**
[72] MIYAZAKI, SHOJIRO, JP
[72] YAMAMOTO, YUKO, JP
[72] SUZUKI, KEISUKE, JP
[72] INUI, MASAHARU, JP
[72] IZUMI, MASANORI, JP
[72] SOMA, KAORI, JP
[72] PINKERTON, ANTHONY, US
[72] SHINOZAKI, TAEKO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[71] SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE, US
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[25] EN
[54] **GAP AND DISPLACEMENT MAGNETIC SENSOR SYSTEM FOR SCANNER HEADS IN PAPER MACHINES OR OTHER SYSTEMS**
[54] **SYSTEME DE CAPTEURS MAGNETIQUES D'ESPACE ET DE DEPLACEMENT POUR TETES DE BALAYAGE DANS DES MACHINES A PAPIER OU DANS D'AUTRES SYSTEMES**
[72] BESELT, RONALD E., US
[71] HONEYWELL LIMITED, CA
[85] 2017-03-28
[86] 2015-10-30 (PCT/CA2015/000562)
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[30] US (62/074,186) 2014-11-03
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[25] EN
[54] **VACCINES HAVING AN ANTIGEN AND INTERLEUKIN-21 AS AN ADJUVANT**
[54] **VACCINS POSSEDANT UN ANTIGENE ET UNE INTERLEUKINE-21 EN TANT QU'ADJUVANT**
[72] WEINER, DAVID B., US
[72] MORROW, MATTHEW P., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] INOVIO PHARMACEUTICALS, INC., US
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[54] **SYSTEME DE CHENILLE A FAIBLES VIBRATIONS**
[72] PELLERIN, JONATHAN, CA
[72] NANAC, BRANISLAV, CA
[72] LAFRENIERE, PASCAL, CA
[72] MARTEL, FREDERICK, CA
[72] SAUVAGEAU, YVES, CA
[71] SOUCY INTERNATIONAL INC., CA
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[30] US (62/057,110) 2014-09-29
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[54] **MARKERS FOR INFLAMMATORY BOWEL DISEASE**
[54] **MARQUEURS POUR LA MALADIE INTESTINALE INFLAMMATOIRE**
[72] FIGEYS, DANIEL, CA
[72] STINTZI, ALAIN, CA
[72] MACK, DAVID R., CA
[72] CHIANG, CHENG-KANG, CA
[72] STARR, AMANDA ELIZABETH, CA
[71] UNIVERSITY OF OTTAWA, CA
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[30] US (62/059,316) 2014-10-03

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[25] EN
[54] **METHODS AND SYSTEMS FOR TRAINING PROPER RUNNING OF A USER**
[54] **PROCEDES ET SYSTEMES POUR ENTRAINER UN UTILISATEUR A COURIR CORRECTEMENT**
[72] LEE, DALSU, CA
[71] LEE, DALSU, CA
[85] 2017-03-28
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[54] **THERMOSTAT HAVING OVER CURRENT MANAGEMENT**
[54] **THERMOSTAT PERMETTANT UNE GESTION DE LA SURINTENSITE**
[72] LI, PEI JIN, CN
[72] DING, ZHAN JUN, CN
[72] FENSKE, WILLIAM J., US
[72] SCHULER, MICHAEL S., US
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[72] SUTIVISEDSAK, NONGNUCH, US
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[54] **SYSTEME INITIE PAR L'UTILISATEUR ET COMMANDE PAR RETROACTION POUR LA DETECTION DE BIOMOLECULES A TRAVERS L'□IL**
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[72] TAYLOR, ROBIN, GB
[72] REYNOLDS, JAMES, GB
[72] ERCEG, DAVID, US
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[54] **PROCEDE ET APPAREIL DE SURVEILLANCE, DE COMMUNICATION ET D'ANALYSE DE QUANTITE DE FLUIDE DANS UN RESERVOIR**
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[71] BREATHEWISE, LLC, US
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[54] **PROCEDES ET DISPOSITIFS POUR LA DETECTION DE CELLULES**
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[72] DOU, JAMES JIAHUA, CA
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[54] **DISPOSITIFS ET METHODES DE STIMULATION DES NERFS**
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[72] STRUL, BRUNO, US
[71] FEMPULSE, LLC, US
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[72] LIANG, LIEZHI, US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT AVEC L'HEMOPEXINE**
[72] MCLEAN, KIRK, US
[72] HERMISTON, TERRY, US
[72] BROOKS, ALAN, US
[72] FELDMAN, RICHARD, US
[71] BAYER HEALTHCARE LLC, US
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[54] **ARCHITECTURES ET PROCEDES POUR DELIVRER DE LA LUMIERE A DES LONGUEURS D'ONDE DIFFERENTES D'UN GUIDE D'ONDES**
[72] TEKOLSTE, ROBERT DALE, US
[72] KLUG, MICHAEL ANTHONY, US
[72] SCHOWENGERDT, BRIAN T., US
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[54] **FORMULATIONS LIPIDIQUES A BASE D'EMULSION NON-SYNTHETIQUES ET PROCEDES D'UTILISATION**
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[71] OMEGA LIFE SCIENCE LTD., IL
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[54] **DISPOSITIF D'ESSAI DE CHARGE**
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[54] **SUPPORT D'ENREGISTREMENT, PROCEDE DE REPRODUCTION ET DISPOSITIF DE REPRODUCTION**
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[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[54] **PROCEDE POUR TRAITER UN PATIENT SOUFFRANT DE PSORIASIS QUI A RECU UN TRAITEMENT PAR ANTICORPS ANTI-TNF-ALPHA**
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[54] **PROCEDE DE PRODUCTION DE SILICOTITANATE CRISTALLIN**
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[72] KINOSE, YUTAKA, JP
[72] KOZASU, KENTA, JP
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[54] **CARTER CYLINDRIQUE ET MOTEUR A REACTION**
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[54] **MODULE FILTRANT ET DISPOSITIF FILTRANT**
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[72] YONEDA, TOMOYUKI, JP
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[54] **COMPOSES ET COMPOSITIONS DESTINES A MODULER LES ACTIVITES KINASE DE L'EGFR MUTANT**
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[72] LEE, JAEKYOO, US
[72] KOH, JONG SUNG, KR
[72] SONG, HO-JUHN, US
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[72] FATMI, AQEEL A., US
[71] BANNER LIFE SCIENCES LLC, US
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[54] **NOUVEAUX COMPOSES DE PYRIDOPYRIMIDINONE POUR MODULER L'ACTIVITE CATALYTIQUE DES HISTONE LYSINE DEMETHYLASES (KDM)**
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[72] PARK, TAESUN, KR
[72] YOON, TAEYOUNG, KR
[72] YANG, SEUNG MIN, KR
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[54] **APPAREIL ET PROCEDES DE TRAITEMENT DE L'APNEE OBSTRUCTIVE DU SOMMEIL AU MOYEN DE LA CRYOLYSE DE TISSUS ADIPEUX**
[72] GONZALES, DONALD A., US
[72] LEVINSON, MITCHELL ELLIOTT, US
[71] CRYOSA, LLC, US
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[54] **COMPOSITIONS ET METHODES POUR AMELIORER LA FONCTION COGNITIVE**
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[54] **MODULATEURS DU RECEPTEUR DE LA SPHINGOSINE -1-PHOSPHATE POUR LE TRAITEMENT DE TROUBLES CARDIO-PULMONAIRES**
[72] ROBERTS, EDWARD, US
[72] ROSEN, HUGH, US
[72] URBANO, MARIANGELA, US
[72] GUERRERO, MIGUEL A., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
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[54] **MACHINE DE TRAITEMENT DE SURFACE EFFICACE**
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[54] **PROCEDE, APPAREIL ET SYSTEME POUR INITIALISER UN DISPOSITIF DE RELEVE DE COMPTEUR**
[72] DUBS, JUSTIN, US
[71] SENSUS SPECTRUM LLC, US
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[54] **STRUCTURES DE NANOFIBRES ET PROCEDES POUR LES SYNTHETISER ET LES UTILISER**
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[72] JIANG, JIANG, US
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[54] **DISPOSITIF, SYSTEME ET PROCEDE DE DETECTION D'HEMOLYSE**
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[72] COTTON, PAUL WILLIAM, GB
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[54] **IMMUNISATION D'ESSAIM AVEC 54 ENVELOPPES PROVENANT DE CH505**
[72] HAYNES, BARTON F., US
[72] KORBER, BETTE T., US
[72] HRABER, PETER T., US
[72] LIAO, HUA-XIN, US
[71] DUKE UNIVERSITY, US
[71] LOS ALAMOS NATIONAL SECURITY, LLC, US
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[54] **COMPOSITIONS COMPRENANT DES ENVELOPPES CH505 ET TRIMERES**
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[72] KORBER, BETTE T., US
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[54] **DETECTION DE SITES TISSULAIRES**
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[72] RAUSCH, GREGORY J., US
[72] KANAVATI, NICHOLAS J., US
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[72] FERGUSON, HUGH, US
[72] LEMKE, DAVID LEE, US
[71] NONIN MEDICAL, INC., US
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[54] **RESINATES AGROCHIMIQUES POUR APPLICATIONS AGRICOLES**
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[72] RIFAI, SANDRA, US
[72] JOGIKALMATH, GANGADHAR, US
[72] SCHNEIDER, ANDREA, US
[72] FLORES, JONATHAN, US
[72] SOANE, DAVID S., US
[71] CROP ENHANCEMENT, INC., US
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[54] **HYPERSENSITIVE RESPONSE ELICITOR PEPTIDES AND USE THEREOF**
[54] **PEPTIDES ELICITEURS DE REPONSE HYPERSENSIBLE ET LEUR UTILISATION**
[72] WEI, ZHONGMIN, US
[72] ZORNETZER, GREGORY A., US
[72] BORNICK, STEPHEN, US
[71] PLANT HEALTH CARE, INC., US
[85] 2017-03-28
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[54] **COMPOSITIONS FOR TREATING WOUNDS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE PLAIES**
[72] LYNCH, SAMUEL, US
[72] WISNER-LYNCH, LESLIE, US
[71] LYNCH, SAMUEL, US
[71] WISNER-LYNCH, LESLIE, US
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[54] **CURE ACCELERATORS FOR ANAEROBIC CURABLE COMPOSITIONS**
[54] **ACCELERATEURS DE DURCISSEMENT POUR DES COMPOSITIONS DURCISSABLES ANAEROBIES**
[72] KLEMARCZYK, PHILIP T., US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2017-03-28
[86] 2015-09-30 (PCT/US2015/053068)
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[25] EN
[54] **SELF-BRACING, TWO-WAY MOMENT FRAME PRECAST SYSTEM FOR INDUSTRIAL SUPPORT STRUCTURE AND METHOD OF UTILIZING SAME**
[54] **SYSTEME PREFABRIQUE D'OSSATURE PORTIQUE BIDIRECTIONNELLE AUTOPORTANTE POUR STRUCTURE DE SUPPORT INDUSTRIELLE ET SON PROCEDE D'UTILISATION**
[72] MILLER, PHILIP GLEN, US
[71] MILLER, PHILIP GLEN, US
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[25] EN
[54] **PAINT BRUSH WITH REMOVABLE HEAD, SLIDING FERRULE AND REMOVABLE ACCESSORY TOOL**
[54] **PINCEAU A PEINTURE DOTE D'UNE TETE AMOVIBLE, D'UNE FERULE COULISSANTE ET D'OUTIL ACCESSOIRE AMOVIBLE**
[72] JAWORSKI, KENNETH, CA
[71] JAWORSKI, KENNETH, CA
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[51] **Int.Cl. B27L 11/00 (2006.01)**
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[54] **MATERIAL REDUCTION SYSTEM AND PROCESSING TOOLS FOR A MATERIAL PROCESSING MACHINE**
[54] **SYSTEME DE REDUCTION DE MATERIAU ET OUTILS DE TRAITEMENT DESTINES A UNE MACHINE DE TRAITEMENT DE MATERIAU**
[72] DAVIS, DERRICK LEE, US
[71] BANDIT INDUSTRIES, INC., US
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[54] **ORGANIC COMPOUNDS**
[54] **COMPOSES ORGANIQUES**
[72] AMBUHL, MICHAEL, CH
[72] BEYER, JUTTA, CH
[72] CARRENO-GOMEZ, BEGONA, CH
[72] RUEGGER, COLLEEN, CH
[72] VALAZZA, STEPHEN, US
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[54] **METHODS AND COMPOSITIONS FOR ADMINISTRATION OF IRON**
[54] **METHODES ET COMPOSITIONS POUR L'ADMINISTRATION DE FER**
[72] HELENEK, MARY JANE, US
[72] TOKARS, MARC L., US
[72] LAWRENCE, RICHARD P., US
[71] LUITPOLD PHARMACEUTICALS, INC., US
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[54] **AGENTS THERAPEUTIQUES COMPRENANT DES PEPTIDES DE TYPE ELASTINE**
[72] CHILKOTI, ASHUTOSH, US
[71] DUKE UNIVERSITY, US
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[54] **TARGETING OF EWS-FLI1 AS ANTI-TUMOR THERAPY**
[54] **THERAPIE ANTITUMORALE PAR CIBLAGE DE EWS-FLI1**
[72] TORETSKY, JEFFREY A., US
[72] UEREN, AYKUT, US
[72] BROWN, MILTON LANG, US
[72] KONG, YALI, US
[71] GEORGETOWN UNIVERSITY, US
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[54] **NEISSERIAL ANTIGENIC PEPTIDES**
[54] **PEPTIDES ANTIGENIQUES DE NEISSERIA**
[72] GALEOTTI, CESIRA, IT
[72] GRANDI, GUIDO, IT
[72] MASIGNANI, VEGA, IT
[72] MORA, MARIROSA, IT
[72] PIZZA, MARIAGRAZIA, IT
[72] RAPPUOLI, RINO, IT
[72] RATTI, GUILIO, IT
[72] SCARLATO, VINCENZO, IT
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[54] **METHODS OF USING SNS-595 IN TREATING CANCER**
[54] **MOYENS D'UTILISER SNS-595 DANS LE TRAITEMENT DU CANCER**
[72] ADELMAN, DANIEL C., US
[72] SILVERMAN, JEFFREY A., US
[72] HIGASHI, MASARU, JP
[72] NAKAO, SATOSHI, JP
[71] SUNESIS PHARMACEUTICALS, INC., US
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
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[54] **SEED HOPPER FOR SEED METERING SYSTEM HAVING MODULAR SEED METERING UNITS**
[54] **TREMIE DE SEMOIR POUR SYSTEME DE DOSAGE DE SEMENCES DOTE D'UNITES MODULAIRES DE DOSAGE DE SEMENCES**
[72] FRIGGSTAD, TERRANCE, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **ANGLED RETRACTING SHEATH FOR SAFETY NEEDLE**
[54] **ETUI DE RETRAIT INCURVE POUR AIGUILLE DE SECURITE**
[72] WONG, ANDREW, US
[72] ZACHEK, MATTHEW, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ANTIGENIC GM-CSF PEPTIDES AND ANTIBODIES TO GM-CSF**
[54] **PEPTIDES ANTIGENIQUES DU FACTEUR DE STIMULATION DE COLONIE DE GRANULOCYTES (GM-CSF) ET ANTICORPS AU GM-CSF**
[72] SASS, PHILIP M., US
[72] NICOLAIDES, NICHOLAS E., US
[72] GRASSO, LUIGI, US
[72] LI, JIAN, US
[72] CHAO, QIMIN, US
[72] ROUTHIER, ERIC, US
[72] EBEL, WOLFGANG, US
[71] MORPHOTEK, INC., US
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[51] **Int.Cl. G10L 19/02 (2013.01) G10L 25/18 (2013.01) G10L 21/04 (2013.01)**
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[54] **CROSS PRODUCT ENHANCED SUBBAND BLOCK BASED HARMONIC TRANSPOSITION**
[54] **TRANSPOSITION HARMONIQUE A BASE DE BLOC DE SOUS-BANDE A PRODUIT D'INTERMODULATION AMELIORE**
[72] VILLEMOES, LARS, SE
[71] DOLBY INTERNATIONAL AB, NL
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[54] **A CUSTOMIZABLE EAR INSERT**
[54] **INSERT AURICULAIRE PERSONNALISABL**
[72] BLUMER, DANIEL, CA
[72] COHEN, NAVI, CA
[71] REVOL TECHNOLOGIES INC., CA
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[54] **CUSTOMIZABLE WEATHER ANALYSIS SYSTEM FOR USER-DEFINED QUERIES**
[54] **SYSTEME D'ANALYSE METEOROLOGIQUE PERSONNALISABLE SELON DES REQUETES DEFINIES PAR L'UTILISATEUR**
[72] RAINEY, R. LEE, US
[72] VINCENT, BILL, US
[72] MCGEEVER, CASEY, US
[72] MASSUNG, MICHELLE L., US
[72] PAVLIK, GREGG, US
[71] ACCUWEATHER, INC., US
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[54] **CUSTOMIZABLE WEATHER ANALYSIS SYSTEM FOR USER-SPECIFIED WEATHER CONDITIONS**
[54] **SYSTEME D'ANALYSE METEOROLOGIQUE PERSONNALISABLE SELON DES CONDITIONS METEOROLOGIQUES PRECISEES PAR L'UTILISATEUR**
[72] RAINEY, R. LEE, US
[72] VINCENT, BILL, US
[72] MCGEEVER, CASEY, US
[72] MASSUNG, MICHELLE L., US
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[54] **HIGH SPEED DATA CABLE WITH IMPEDANCE CORRECTION**
[54] **CABLE DE DONNEES HAUTE VITESSE A CORRECTION D'IMPEDANCE**
[72] HORAN, JOHN MARTIN, IE
[72] MURPHY, GERALD DONAL, IE
[72] MC GOWAN, DAVID WILLIAM, IE
[71] SPECTRA7 MICROSYSTEMS (IRELAND) LIMITED, IE
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[54] **CABLE DE DONNEES HAUTE VITESSE A FAIBLE COUT**
[72] HORAN, JOHN MARTIN, IE
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[72] MC GOWAN, DAVID WILLIAM, IE
[71] SPECTRA7 MICROSYSTEMS (IRELAND) LIMITED, IE
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[25] EN
[54] **COMPLEX-VALUED SYNTHESIS FILTER BANK WITH PHASE SHIFT**
[54] **BATTERIE DE FILTRES DE SYNTHESE A VALEUR COMPLEXE ET DECALAGE DE PHASE**
[72] EKSTRAND, PER, SE
[71] DOLBY INTERNATIONAL AB, NL
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[54] **ENSEMBLE PALIER**
[72] KIRKHOPE, KENNEDY J., CA
[71] HALLIBURTON ENERGY SERVICES, INC., CA
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[54] **CRAFTING APPARATUS INCLUDING A WORKPIECE FEED PATH BYPASS ASSEMBLY AND WORKPIECE FEED PATH ANALYZER**
[54] **APPAREIL DE FABRICATION COMPRENANT UN ENSEMBLE DE DERIVATION DE TRAJET DE DELIVRANCE DE PIECE A TRAVAILLER ET ANALYSEUR DE TRAJET DE DELIVRANCE DE PIECE A TRAVAILLER**
[72] CRYSTAL, JEREMY BURTON, US
[72] GUBLER, JEFFERY V., US
[72] DAVIS, JAMES T., US
[72] BURTON, JARED D., US
[72] DODGE, CHRISTOPHER KENNETH, US
[72] STRONG, MATTHEW, B., US
[72] COLBY, JIM ALLEN, US
[71] PROVO CRAFT AND NOVELTY, INC., US
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[30] US (61/351,262) 2010-06-03
[30] US (61/367,736) 2010-07-26
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[51] **Int.Cl. A61F 2/07 (2013.01) A61F 2/95 (2013.01) A61F 2/962 (2013.01) A61F 2/82 (2013.01)**
[25] EN
[54] **VASCULAR PROSTHESES FOR TREATING ANEURYSMS**
[54] **PROTHESES VASCULAIRES UTILISEES POUR LE TRAITEMENT DES ANEVRISMES**
[72] SHALEV, ALON, IL
[72] BENARY, RAFI, IL
[71] ENDOSPAN LTD., IL
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[54] **MECHANICALLY DRIVEN, SONIC TOOTHBRUSH AND WATER FLOSSER**
[54] **BROSSE A DENTS SONIQUE ENTRAINEE MECANIQUEMENT ET NETTOYEUR INTER-DENTAIRE A EAU**
[72] SOKOL, GARY L., US
[72] LUETTGEN, HAROLD A., US
[71] WATER PIK, INC., US
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[51] **Int.Cl. A61N 1/36 (2006.01) A61B 5/04 (2006.01) A61B 5/08 (2006.01)**
[25] EN
[54] **NEURAL MONITORING METHODS AND SYSTEMS FOR TREATING PHARYNGEAL DISORDERS**
[54] **PROCEDES ET SYSTEMES DE SURVEILLANCE NERVEUSE POUR LE TRAITEMENT DE TROUBLES PHARYNGES**
[72] WILSON, WILLARD, US
[71] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[71] WILSON, WILLARD, US
[22] 2013-01-28
[41] 2013-08-01
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[51] **Int.Cl. G07C 13/00 (2006.01) H04W 4/00 (2009.01) G06Q 30/02 (2012.01) G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SEARCHING, AND MONITORING ASSESSMENT OF, ORIGINAL CONTENT**
[54] **PROCEDE ET SYSTEME SERVANT A RECHERCHER ET A CONTROLER L'EVALUATION DE CONTENU ORIGINAL**
[72] ROBINSON, LEROY, US
[72] MYRICKS, CYNTHIA, US
[72] MATHEWS, MICHAEL E., US
[71] ROBINSON, LEROY, US
[22] 2011-12-19
[41] 2012-08-02
[62] 2,825,814
[30] US (13/015,031) 2011-01-27
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/30 (2016.01) B25J 9/18 (2006.01) B25J 13/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **INTELLIGENT POSITIONING SYSTEM AND METHODS THEREFORE**
[54] **SYSTEME DE POSITIONNEMENT INTELLIGENT ET PROCEDES ASSOCIES**
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[72] BAILEY, BRENT ANDREW, CA
[72] MCFADYEN, STEPHEN B. E., CA
[72] WOOD, MICHAEL, CA
[72] SAXENA, ABHIJIT, CA
[72] HYNNA, KAI, CA
[72] BAI, YANHUI, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., CA
[22] 2014-09-15
[41] 2015-09-17
[62] 2,939,262
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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/03 (2006.01)**
[25] EN
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[72] BAGAOISAN, CELSO J., US
[72] DOMINGO, JUAN, US
[72] DUONG, SIEU, US
[71] ACCESSCLOSURE, INC., US
[22] 2009-11-12
[41] 2010-05-20
[62] 2,743,509
[30] US (61/114,049) 2008-11-12

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[13] A1
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[25] EN
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[71] CUBE INVESTMENTS LIMITED, CA
[22] 2005-05-11
[41] 2005-11-17
[62] 2,919,179
[30] US (10/843,321) 2004-05-12
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[51] **Int.Cl. G02B 6/44 (2006.01)**
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[72] GIMBLET, MICHAEL JOHN, US
[72] MCALPINE, WARREN W., US
[72] MILLER, ALLEN MICHAEL, US
[72] SEDDON, DAVID ALAN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[22] 2009-09-23
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[62] 2,737,934
[30] US (61/192,925) 2008-09-23
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[51] **Int.Cl. A01D 34/69 (2006.01) B62D 51/04 (2006.01)**
[25] EN
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[72] LENNINGS, ERIC, SE
[72] FANCHER, ROBERT, US
[72] LAMBERT, MATTHEW M., US
[71] HUSQVARNA AB, SE
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[62] 2,864,339

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[25] EN
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[72] EDIE, JASON, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[51] **Int.Cl. G01N 21/77 (2006.01)**
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[71] WAWRO, DEBRA D., US
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[72] DOANE, ANDREW J., US
[71] AMAZON TECHNOLOGIES, INC., US
[22] 2010-03-18
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[62] 2,751,733
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[25] EN
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[71] NORTEK AIR SOLUTIONS CANADA, CA
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[41] 2014-09-13
[62] 2,843,987
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[25] EN
[54] **THREE-DIMENSIONAL TRANSACTION AUTHENTICATION**
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[72] PITRODA, SATYAN G., US
[72] DESAI, MEHUL, US
[71] MASTERCARD MOBILE TRANSACTIONS SOLUTIONS, INC., US
[22] 2006-10-05
[41] 2007-04-19
[62] 2,624,981
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[51] **Int.Cl. F16L 13/11 (2006.01) F16L 9/128 (2006.01) F16L 13/007 (2006.01) F16L 25/02 (2006.01) F16L 47/02 (2006.01)**
[25] EN
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[72] O'GARA, DARCY JOHN, GB
[72] LEWIS, PAUL ANTHONY, GB
[72] DEWHIRST, MICHAEL JOHN, GB
[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB
[22] 2013-07-15
[41] 2014-01-16
[62] 2,878,894
[30] GB (1212531.6) 2012-07-13

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[13] A1
[51] **Int.Cl. F16H 15/50 (2006.01) F16H 15/52 (2006.01) F16H 55/32 (2006.01) F16H 15/28 (2006.01)**
[25] EN
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[71] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US
[22] 2008-08-27
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[30] US (12/198,402) 2008-08-26

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COMPASS MINERALS AMERICA INC. 2,742,309
CONRAD, WAYNE ERNEST 2,822,255
CONSIGLIO NAZIONALE DELLE RICERCHE 2,667,834
CONSTELLIUM ISSOIRE 2,708,989
CONSTRUCTION & DESIGN SOLUTIONS, INC. 2,902,628
CONTRERAS, ROBERTO 2,728,169
COOKE, TERRY LEE 2,750,528
COR-A-VENT, INC. 2,688,077
CORNING OPTICAL COMMUNICATIONS LLC 2,750,528
CORWIN, LARRY GENE, JR. 2,790,217
COSCARELLA, GABE 2,808,864
COSMO OIL CO., LTD. 2,906,435
COUCH, SHERMAN 2,667,102
CPG INTERNATIONAL LLC 2,693,650
CRAMER, RANDY S. 2,698,851
CROSBY, JEFFREY WILL 2,840,195
CROWE, JASON R. 2,702,372
CURSTEDT, TORE 2,666,344
CURTIS, JAMES ANDREW 2,860,087
CYTORI THERAPEUTICS, INC. 2,572,113
D'SOUZA, ANNE-MARIE 2,732,932
DA SILVA ARNAUT MOREIRA, LUIS GUILHERME 2,741,429
DALOIS, JEROME 2,777,641
DANIELOU, ARMELLE 2,708,989
DANIELS, ERIC 2,572,113
DANISCO US INC. 2,699,201
DANZIGER, JAMIE LEE 2,810,534
DASARI, MOHAN PRASAD A. 2,891,246
DAVE, VIPUL BHUPENDRA 2,820,098
DAVIES, JEFF 2,904,390
DAVIS, ELISABETH MELIKA 2,777,100
DAVIS, GREGORY AUSTIN 2,930,865
DAVIS, LOU A. 2,743,311
DAVIS, RAYMOND C. 2,687,317
DAVIS, RONALD W. 2,655,272
DAVIS, T. GREGG 2,734,831
DE ALBUQUERQUE KNORST, MARCELO 2,866,503
DE LA ROSA, OLGA 2,742,698
DE PAOLI, SERGIO A. 2,806,125
DE RICK, JAN EDDY 2,873,316
DE SOUSA, MARIO CESAR 2,780,594
DEAN, DAVID LEE, JR. 2,750,528
DEAN, MIKE 2,681,200
DEAVER, DANIEL 2,858,808
DEDIEU, GERARD 2,754,687
DEERE & COMPANY 2,683,211
DEFLANDRE, HERVE 2,836,033
DEGREMONT 2,750,849
DEKA PRODUCTS LIMITED PARTNERSHIP 2,912,056
DEL GALDO, GIOVANNI 2,819,393
DELISLE, ROBERT KIRK 2,734,831
DELLOYE, CHRISTIAN 2,764,145
DELOACH, JAMES D., JR. 2,896,425
DELUCA, HECTOR F. 2,776,462
DEMATIC CORP. 2,780,825
DENG, ZHIGANG 2,822,195
DENTAL CARE INNOVATION GMBH 2,817,835
DEPPMEIER, TOM 2,863,741
DERCHAK, P. ALEXANDER 2,606,699
DERING, PETER 2,800,575
DERSCH, JOSHUA ALEXANDER 2,501,519
DESCAMPS, PATRICK 2,750,849
DESIRON, ANDRIES JAN F. 2,862,513
DEVOR, ROBERT W. 2,868,843
DEWING, JOHN W. 2,912,970
DIACHINA, JOHN 2,927,847
DIACHINA, JOHN 2,927,861
DICK, STEPHEN G. 2,788,517
DICKINSON, PHILIP 2,881,603
DIFALCO, RAY J. 2,734,075
DIMASCIO, PAUL STEPHEN 2,744,815
DING, ZHIMING 2,922,826
DINGMAN, DEAN 2,938,684
DIXON, NICHOLAS JOHN 2,688,561
DOLBY INTERNATIONAL AB 2,901,791
DONG, DIANE D. 2,899,308
DONITZKY, CHRISTOF 2,849,373
DOUCE, JEROME 2,720,924
DOWN FORCE TECHNOLOGY INC. 2,790,623
DOWNING, ROGER 2,814,077
DRAGO, LORENZO 2,940,280
DRECHSLER, DALE A. 2,650,907
DREHER, JAMES H. 2,732,787
DRIA, DENNIS EDWARD 2,650,522
DROUET, EMMANUEL 2,718,245
DRUMMOND, DAVID 2,884,017
DUFRANE, DENIS 2,764,145
DUNNE, PAUL 2,746,744
DURAND, ALAIN 2,709,453
DURGIN, RUSSELL F. 2,701,609
DUSBABEK, ANDREW J. 2,702,609
DXO LABS 2,834,963
DXO LABS 2,835,047
DYBING, PHILIP J. 2,797,828
DYCKOW, DEAN 2,889,560
EATON CORPORATION 2,668,340
EATON CORPORATION 2,797,828
EBREY, RICHARD 2,939,708
ECOLAB USA INC. 2,797,023
EDELMANN, THOMAS JOSEF 2,848,938
EDWARDS LIFESCIENCES CORPORATION 2,737,465
EDWARDS LIFESCIENCES CORPORATION 2,784,499
EENENNAAM, VAN HANS 2,754,127
EFIMOV, GEORGE 2,873,702
EHRICH, ELLIOT 2,858,808
EHRSTROM, JEAN-CHRISTOPHE 2,708,989
EIERMANN, MICHAEL 2,719,076
EISENHARDT, ANDREA 2,716,792
EKSTRAND, PER 2,901,791
ELECTRICITE DE FRANCE 2,854,049
ELECTROLUX HOME PRODUCTS CORPORATION N.V. 2,743,655
ELLIS, MICHAEL D. 2,775,730
ELMARCO, INC. 2,705,557
EMBORG, MICHAEEL 2,882,375
EMERSON NETWORK POWER, ENERGY SYSTEMS, NORTH AMERICA, INC. 2,681,430
EMERY OLEOCHEMICALS LLC 2,841,602
EMGE, ANDREAS 2,716,792
ENDOGENE LIMITED 2,779,566
ENGENIUM CHEMICALS CORP. 2,653,010
ENRIETTI PIERO 2,721,041

EPPING, WILLEM J. M. 2,650,522
ERKENBRECHER, CARL W., JR. 2,764,576
ETHICAL SOLUTIONS, LLC 2,647,541
ETHICON ENDO-SURGERY, INC. 2,555,059
ETTINGER, HENDRICK DIRK VAN 2,744,566
EUROKEG B.V. 2,691,058
EVONIK DEGUSSA GMBH 2,799,983
EWING, MICHAEL DAVID 2,918,275
EXPEDIA, INC. 2,820,632
EYB, ENNO 2,883,431
F. HOFFMANN-LA ROCHE AG 2,765,921
F. HOFFMANN-LA ROCHE AG 2,797,737
FAN, HUAHENG 2,879,917
FAN, YUXIANG 2,879,917
FANDREI, PHILIP F. 2,790,929
FANG, FANG 2,506,526
FANSELOW, MARKUS 2,698,655
FARNAN, ROBERT C. 2,702,609
FARRUGIA, VALERIE M. 2,831,886
FARSHID, DARUSH 2,737,386
FAYOL, AUDE 2,761,663
FERNO-WASHINGTON, INC. 2,852,885
FERRARI, VICTOR 2,769,764
FERROFACTA GMBH 2,855,799
FIGGINS, RYAN 2,787,457
FINCH, CHARLES W. 2,753,984
FIRKO, JASON LAWRENCE 2,845,742
FISCHER, OLIVER 2,786,395
FISHER & PAYKEL HEALTHCARE LIMITED 2,881,603
FITZPATRICK, STEPHEN W. 2,792,849
FLEMING, JAMES 2,652,687
FLEXTRONICS AUTOMOTIVE INC. 2,727,846
FLYNN, DAWN 2,853,152
FOLKVANG, JORN 2,749,359
FONG, MO-HAN 2,765,585
FORJAS TAURUS S/A 2,866,503
FORMOSINHO SANCHES SIMOES, SEBASTIAO JOSE 2,741,429
FORNARETTO, MARIA GIOIA 2,769,960
FOSER, BRUNO 2,719,657
FOSTER, BRYAN 2,922,334
FOUNDAS, EMMANUEL 2,749,591
FOUSSAT, ARNAUD 2,706,429
FRAITAG, LEONARD 2,943,117
FRANKLIN, MICHAEL D. 2,784,499
FRASER, JOHN K. 2,572,113
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,819,393
FREDERICK, THOMAS J. 2,668,543
FREDERICK, THOMAS J. 2,749,148
FREIDANK, DANIEL 2,716,792
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,740,648
FREUND, RICHARD C. 2,667,102
FREW, SAMUEL 2,881,603
FRIEDRICH-ALEXANDER-UNIVERSITAT ERLANGEN-NURNBERG 2,819,393
FRIGGSTAD, TERRANCE A. 2,748,120
FRIGSTAD, TERJE 2,789,492
FRITZ, GERNOT 2,723,962
FRITZ, RALF 2,716,792
FU, CHEN 2,686,910
FU, CHERNG-CHYI 2,707,969
FUCHSBAUER, HANS-LOTHAR 2,675,195
FUDIM, ZVI 2,852,722
FUERSTNER, CHANTAL 2,747,305
FUJIFILM CORPORATION 2,773,062
FUJIFILM CORPORATION 2,865,742
FUJITA, NOBUHIRO 2,843,186
FUKUI, YUKO 2,756,087
FUKUSHIMA, TOMOKO 2,777,511
FUKUYAMA, YOSUKE 2,867,473
FUMAROLO, ARTHUR L. 2,881,080
GACHON, DENIS 2,819,396
GALLO, STEVEN WILLIAM 2,705,424
GALLOP, DAVID 2,892,554
GALVEZ, ALFREDO FLORES 2,664,066
GANADO TECHNOLOGIES, INC. 2,787,811
GAO, LIANGZHU 2,892,060
GAO, LIJUN 2,862,317
GAO, XIN 2,822,195
GARANCZ, EMELIE 2,799,150
GARBARK, DANIEL B. 2,748,555
GARCIA, DALE 2,787,811
GARCIA, PABLO E. 2,896,881
GARCIA, RICHARD JEFF 2,722,518
GARIPAGAOGLU, ESER 2,889,560
GARRETT THERMAL SYSTEMS LIMITED 2,727,113
GAULLY, BRUNO ROBERT 2,789,261
GE AVIATION SYSTEMS LIMITED 2,689,178
GED INTEGRATED SOLUTIONS, INC. 2,872,219
GELINSKE, JOSHUA N. 2,840,990
GEMALTO SA 2,819,396
GENENTECH, INC. 2,720,685
GENERAL ELECTRIC COMPANY 2,692,666
GENERAL ELECTRIC COMPANY 2,744,815
GENERAL ELECTRIC COMPANY 2,822,195
GENERAL ELECTRIC TECHNOLOGY GMBH 2,830,925
GENTA, MINORU 2,899,688
GEUS, JOHN WILHELM 2,753,794
GHESNER, IOAN 2,653,010
GIANFRANI, CARMELA 2,667,834
GIDEL, SAMUEL 2,839,194
GIESECKE & DEVRIENT GMBH 2,870,463
GIFFORD, KATHREEN A. 2,899,308
GILDEN, RUSSELL LESLIE 2,843,128
GILES, MATTHEW ROBERT 2,688,561
GILLIES, GEORGE T. 2,790,328
GL&V LUXEMBOURG S.A R.L. 2,810,367
GLADWIN, ROBERT JOHN 2,753,984
GLAESENER, PIERRE 2,907,706
GLASS, JOHN I. 2,643,136
GLAVES, GARRY BRUCE 2,896,075
GLOBAL HEALTHCARE EXCHANGE, LLC 2,743,311
GOBEC, STANISLAV 2,731,924
GOLOVATO, JUSTIN 2,893,276
GOMEZ CASANOVA, JULIO RODOLFO 2,860,087
GOOGLE INC. 2,710,238
GOOGLE INC. 2,837,185
GORDON, SUZANNE 2,853,152
GORSKI, NIKOLAI D. 2,918,273
GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH 2,809,164
GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF THE ARMY 2,584,873
GOWDA, RAJ K. 2,722,518
GPB SCIENTIFIC, LLC 2,655,272
GRANT, KEVIN L. 2,912,056
GRECHANIC, MARK 2,686,910
GREEN, EVERETT L. 2,916,082
GREEN, THOMAS B. 2,705,557
GRESCHUK, JULIE MARIE 2,734,831
GRIEBENOW, NILS 2,747,305
GRIFFITH, DAVID B. 2,555,059
GRILL, BERNHARD 2,819,393
GRILLS, REGINALD C. 2,727,846
GRIMALDI, MASSIMO 2,689,279
GRISMER, JOHN 2,872,219
GRONTHOS, STAN 2,809,164
GROSS, STEFAN D. 2,734,831
GRZYWACZ, PAWEL 2,776,462
GUADAGNOLI, MARCO 2,754,127
GUALA, GIANNI 2,781,833
GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD. 2,899,674
GUANGDONG AULDEY ANIMATION & TOY CO., LTD. 2,899,674
GUANGDONG JETFAST PORTABLE LIGHTING CO., LTD. 2,823,092
GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD. 2,899,674
GUICHARD, FREDERIC 2,834,963
GUICHARD, FREDERIC 2,835,047
GUILLONIA SANBARTOLOME, DAVID 2,730,475

GUILLOT, LUDOVIC	2,723,937
GULBRANDSEN, PEDER J.	2,784,885
GUO, CHUANZHEN	2,892,060
GUO, JUN	2,781,322
GUPTA, MANISH	2,710,238
GYCO, INC.	2,638,197
GYURJYAN, HARUTYUN V.	2,790,328
HA, LAM CHI	2,820,632
HABASHI, NADER M.	2,655,110
HABER, JOSEF	2,753,984
HABER, STEFFEN	2,719,076
HABICHT, ANNIKA	2,716,792
HADEN, EGON	2,753,150
HAGEN, CHRISTIAN	2,739,686
HAHN, WERNER ARTUR	2,865,053
HAIDER, ALEXANDER	2,786,395
HAIDER, GERHARD	2,743,655
HALL, KEVIN NORMAN	2,850,916
HALL, LARRY KENT	2,756,575
HALLIBURTON ENERGY SERVICES, INC.	2,860,793
HALLIBURTON ENERGY SERVICES, INC.	2,884,460
HALTER, CHRISTOPHE	2,907,706
HAMM, MICHAEL EDWARD	2,820,632
HAMMAR, LARS	2,760,833
HAMMOND, GERALD B.	2,677,353
HAN, JINGYAN	2,781,322
HAN, WOO-JIN	2,812,949
HAN, YIMING	2,866,188
HAN, YIMING	2,866,207
HANCHETT ENTRY SYSTEMS, INC.	2,790,217
HANSON, MATTHEW N.	2,790,929
HANSSEN, HUBERT JOSEPH FRANS	2,691,058
HANTKE, RICHARD	2,705,837
HARDER, ACHIM	2,754,623
HARLAND CLARKE CORP.	2,939,708
HARMS, MICHAEL	2,716,792
HARRIS, MATTHEW C.	2,912,056
HARRIS, RICHARD H.	2,756,304
HARRIS, VIOLAINE K.	2,668,200
HARRY'S, INC.	2,892,717
HARTLAGE, DANIEL	2,939,708
HARTTIG, HERBERT	2,797,737
HASHIMOTO, TAKASHI	2,872,521
HASSELL, JOEL G.	2,775,730
HAUBRY, ANDRE	2,750,849
HAUGEN, MATHEW A.	2,638,462
HAUVER, BRUCE, SR.	2,681,200
HAXTON, CAMERON JON	2,881,603
HAYHOW, ROBERT	2,883,039
HAYNES INTERNATIONAL, INC.	2,808,409
HAYWARD, JAMES A.	2,886,472
HBK FAMILY, LLC	2,749,343
HE, YUANYUAN	2,709,114
HEAP, JOHN TIMOTHY	2,691,767
HEBI TIANRUI PETROLEUM PROPPANT CO., LTD	2,878,623
HEDRICK, MARC H.	2,572,113
HEITMEIER, STEFAN	2,747,305
HELMHOLTZ ZENTRUM MUENCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUER UMWELT UND GESUNDHEIT GMBH	2,647,622
HENGSTLER GMBH	2,873,702
HENKEL AG & CO. KGAA	2,724,517
HENNENFENT, GILLES	2,797,064
HENRAT, PATRICK	2,743,014
HENSLER, THOMAS	2,901,812
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF DEFENCE	2,678,224
HERAEUS MEDICAL GMBH	2,850,867
HERIGSTAD, MATTHEW OMON	2,899,308
HERMES INNOVATIONS LLC	2,741,453
HERRE, JURGEN	2,819,393
HERRENBAUER, MICHAEL	2,740,648
HERRENKNECHT AG	2,848,938
HERSCOVICI-COHEN, SARAH	2,725,320
HEUSSER, CHRISTOPH	2,730,063
HEXCEL REINFORCEMENTS	2,743,014
HEYWOOD, RUSSELL	2,837,185
HICKEN, ERIK JAMES	2,734,831
HIMMELSBACH, CHRISTIAN	2,848,938
HIRANI, MOHAMED	2,733,053
HIRANI, MOHAMED	2,733,318
HIRATSUKA, TAKAHIRO	2,773,062
HISPANO SUIZA	2,754,687
HO, CHI HONG	2,712,216
HOAG, GEORGE E.	2,647,541
HOBBS, JAMES	2,735,652
HODGES, WES	2,892,554
HOEKSTRA, J.	2,753,794
HOFER, ROBERT	2,786,395
HOFFKNECHT, MARC	2,836,302
HOFFMAN, DAVID	2,740,777
HOFFMANN, CHRISTIAN	2,764,576
HOFIUS, JONATHAN	2,896,881
HOGSET, ANDERS	2,729,369
HOHMANN, RONALD P., JR.	2,844,555
HOLBREY, JOHN	2,698,655
HOLLAND, PHILIP	2,884,428
HONDA MOTOR CO., LTD.	2,840,753
HONDA MOTOR CO., LTD.	2,874,520
HONDA MOTOR CO., LTD.	2,920,742
HONG, HOTAEK	2,845,780
HONG, WEI	2,866,895
HORI, HISASHI	2,871,843
HORPHAG RESEARCH IP (PYC) LTD.	2,769,764
HORTON, DAVID P.	2,653,010
HORVATH, ANDRAS	2,677,170
HOSSEINI, KAMRAN	2,753,947
HOVEYDA, AMIR H.	2,712,503
HOY, HENRY H.	2,865,053
HSIEH, CHIH-CHING	2,885,756
HSU, CHIN-SHUN	2,874,275
HU, HAO	2,709,114
HU, SHAOJING	2,917,735
HUANG, PO-CHENG	2,874,275
HUAWEI DEVICE CO., LTD.	2,922,826
HUAWEI TECHNOLOGIES CO., LTD.	2,881,618
HUAWEI TECHNOLOGIES CO., LTD.	2,892,060
HUBAIL, MAITHAM M.	2,865,053
HUBBELL INCORPORATED	2,650,907
HUBBERT, MICHAEL E.	2,787,811
HUDGINS, ROBERT G.	2,702,609
HUERTAS TALON, JOSE LUIS	2,730,475
HUFFER, SCOTT WILLIAM	2,919,452
HUGHES, DAVID GEORGE	2,843,128
HUGHES, GLENN	2,843,128
HUI, JONATHAN W.	2,866,895
HUMBER, JEFFREY A.	2,877,399
HUNT, PETER	2,732,932
HUNT, ROBERT C.	2,790,217
HUSKY INJECTION MOLDING SYSTEMS LTD.	2,907,706
HUSQVARNA AB	2,755,979
HUTCHISON, CLYDE	2,643,136
HUTCHISON, KEITH	2,870,033
HUTCHISON, MICHAEL C.	2,777,292
HUTSCHENREITER, BIRGIT	2,793,260
HUUHTANEN, RAIMO	2,837,828
IDZIURS, STEPHEN	2,693,650
IKEDA, KOTARO	2,866,010
IKURA, YUJI	2,881,081
IMPERIAL OIL RESOURCES LIMITED	2,766,838
INAGAWA, YASUSHI	2,874,520
INCEPT, LLC	2,732,787
INDUSTRIE BORLA S.P.A.	2,781,833
INDUSTRILAAS I NAASSJOE AB	2,799,150
INNOSPEC LIMITED	2,688,561
INNOVA PATENT GMBH	2,856,980
INOUE, SHIGEKI	2,881,081
INPEX CORPORATION	2,906,435
INSINGA, ARON KLAIR	2,868,578
INSITE VISION INCORPORATED	2,753,947
INSPIRION DELIVERY TECHNOLOGIES, LLC	2,734,075
INSTITUT CURIE	2,693,648
INSTITUTE FOR INFORMATION INDUSTRY	2,874,275
INTEL CORPORATION	2,861,432
INTELLIGENT AGRICULTURAL SOLUTIONS, LLC	2,840,990
INTELLIGRATED HEADQUARTERS, LLC	2,892,037
INTENSIVE CARE ON-LINE NETWORK, INC.	2,655,110
INTERDIGITAL TECHNOLOGY CORPORATION	2,788,517
INTERFACE, INC.	2,735,652
INVESTIGACION DE TECNOLOGIA AVANZADA, S.A. DE C.V.	2,728,169
IOL INNOVATIONS APS	2,829,143

IPS CORPORATION 2,877,399
IRANI, JAMSHEED P. 2,806,125
IRITSUKI, KEITA 2,867,473
IRVIN, RANDALL THOMAS 2,777,100
ISAEV, ALEXANDR DMITRIEVICH 2,862,186
ISCAR LTD. 2,853,928
ISRA SURFACE VISION GMBH 2,876,867
ITALCEMENTI S.P.A. 2,732,593
ITAMAR MEDICAL LTD. 2,725,320
ITF RESEARCH PHARMA, S.L.U. 2,732,877
ITF RESEARCH PHARMA, S.L.U. 2,747,314
IVERSEN, PATRICK L. 2,584,873
IVES, JAMES 2,746,744
JABLONSKI, LAURENT 2,770,244
JACK, SANDY 2,606,699
JACKSON, JANET R. 2,737,906
JACKSON, LEILA J. 2,734,831
JACOBITES, BROCK N. 2,857,399
JACQUEMONT, JACKY 2,726,664
JAESCHKE, GEORG 2,765,921
JAFFRENNOU, BORIS 2,720,924
JAGAN, NAVAM 2,741,247
JAIN, PUNEET 2,861,432
JAIN, RANJIV 2,902,628
JAMES, BRIAN G. 2,872,219
JAMES, NICHOLAS JOHN 2,810,653
JANKURA, BRYAN J. 2,927,302
JANSSEN SCIENCES IRELAND UC 2,677,170
JANSSON, ULF 2,810,367
JAPAN OIL, GAS AND METALS NATIONAL CORPORATION 2,906,435
JAPAN PETROLEUM EXPLORATION CO., LTD. 2,906,435
JARISCH, CHRISTIAN 2,749,999
JARISCH, CHRISTIAN 2,783,611
JENNESKENS, L. W. 2,753,794
JEONG, MIN JAE 2,850,053
JEPSON, ANTONIO J. 2,912,970
JERONIMO, PHILIPPE 2,787,175
JI, YINGLIANG 2,709,114
JIA, GUANGYAO 2,737,150
JOHANSEN, ANDERS ECKHOFF 2,855,268
JOHANSSON, JAN 2,666,344
JOLLY, DAVID THOMAS 2,930,865
JOLY, PHILIPPE GERARD EDMOND 2,770,244
JONES, CHRISTOPHER STEPHEN 2,880,042
JONES, ELIZABETH, LOUISE 2,729,369
JONES, NICOLAS 2,612,842
JONES, STUART 2,735,652
JONES, WILLIAM N. 2,735,652
JONSSON, ULF 2,752,478
JOST-WERKE GMBH 2,719,076
JOYCE, WILLIAM H. 2,799,645
JUKARAINEN, HARRI 2,735,933
JUNG, ELIZABETH 2,702,609
JUNG, LAWRENCE 2,886,472
JUTILA, ILKKA 2,735,933
JX NIPPON OIL & ENERGY CORPORATION 2,906,435
KABO TOOL COMPANY 2,885,756
KADOUS, MOHAMMED WALEED 2,837,185
KAHN, ARI 2,528,452
KAKIGUCHI, KEISUKE 2,792,539
KALLAL, MICHAEL JAMES 2,790,623
KALLAN, NICHOLAS C. 2,734,831
KALLBERG, NILS 2,795,154
KALLINGER, MARKUS 2,819,393
KAMAGAI, TATSUYA 2,926,569
KANIA, ROBERT STEVEN 2,894,298
KANIKANTI, VENKATA-RANGARAO 2,754,623
KANTO OQUIST, CHARLOTTA 2,769,892
KAP MEDICAL 2,722,518
KAPUR, RAVI 2,655,272
KARGER, CHRISTOPH 2,874,520
KAROOR, SUJATHA 2,701,763
KARPLUS, MARTIN 2,755,876
KARST, DANIEL L. 2,850,648
KASE, TAKUO 2,920,742
KASSIANOFF, EDOUARD 2,911,964
KATO, AKIRA 2,872,521
KATO, YUKI 2,876,563
KATO, YUZURU 2,906,435
KATTENBERG, JOHN T. 2,864,575
KAUCHALI, SHEHZAAD 2,779,823
KAUR, RAVINDER 2,838,188
KAWAGOSHI, RYOSUKE 2,881,081
KAWAMOTO, KOJI 2,876,563
KAYMAKCALAN, ZEHRA 2,899,308
KCI LICENSING, INC. 2,740,817
KEHRES, RICHARD JEFFREY 2,782,832
KELLER, MARK J. 2,688,077
KELLY, FRANK 2,741,924
KENNEDY, BRUCE 2,863,741
KEY, JOHN ROLAND 2,884,460
KHALFOUN, MOHAMED 2,872,219
KHAN, M. NADEEM 2,838,188
KICE INDUSTRIES, INC. 2,864,575
KIDWELL, ALEXANDER J. 2,693,650
KIETTA 2,748,906
KIM, EUN SUN 2,789,315
KIM, JEONGWOO 2,819,446
KIM, JINPIL 2,845,780
KIM, WON HONE 2,850,053
KIMBERLEY, FIONA CLARE 2,754,127
KIMLER, JOSEPH 2,756,575
KIMOTO, KENJI 2,876,810
KINDSTRAND, DANIEL HUGH 2,881,653
KINDSTRAND, DANIEL HUGH 2,881,671
KING, SCOTTY L. 2,705,557
KINGSPAN HOLDINGS (IRL) LIMITED 2,884,428
KINOMURA, NAOYA 2,792,539
KINTZINGER, RAINER 2,907,706
KISAKU, MASANORI 2,840,753
KLAPPACH, KRISTIN 2,753,150
KLASSEN, DARRYL F. 2,737,361
KLAVUHN, TORY ALLEN 2,750,528
KLECKNER, RYAN JOHN 2,882,652
KLENKE, JOERG 2,849,373
KLOTZ, DONALD A. 2,912,970
KNEE, ROBERT A. 2,775,730
KNOWLES, THOMAS E. 2,667,102
KNOX, KIDRON JOEL 2,891,246
KNOX, RON 2,727,113
KNUTH, MONIKA 2,675,195
KNUUTTILA, PEKKA 2,799,643
KOBAYASHI, SEIJI 2,899,688
KODOI, RIE 2,850,911
KOENIG, KAREN S. 2,896,881
KOHLER, HERBERT B. 2,749,343
KONG, HAN 2,881,618
KONNO, MARK 2,737,465
KONRADT, OLIVER 2,830,925
KOOISTRA, KENNETH J. 2,780,825
KOPISH, ANDREW J. 2,843,712
KOPLIN, TOBIAS JOACHIM 2,753,984
KOTAKA, TOSHIKAZU 2,862,102
KOTHARI, MANISH 2,896,881
KOU, BO 2,737,386
KOVAC, ANDREJA 2,731,924
KOWALCHUK, TREVOR LAWRENCE 2,850,916
KRAIMER, WILLIAM J. 2,555,059
KRESSER, MARK 2,866,503
KREUGER, EMMA 2,765,803
KREYS, PAUL 2,780,825
KRIZ, DARIO 2,735,383
KRIZ, KIRSTIN ANN 2,735,383
KROLIK, JEFFREY A. 2,732,787
KROUSHL, DANIEL B. 2,668,340
KRUEGER INTERNATIONAL, INC. 2,843,712
KRUSE, CAROL A. 2,772,326
KUBIAK, ROLF 2,876,867
KUCH, FABIAN 2,819,393
KUCK, KARL-HEINZ 2,858,149
KUEBEL, JOHANN 2,666,468
KUGELMANN, FRANZ 2,740,648
KUMPF, ROBERT ARNOLD 2,894,298
KUNG, PEI-PEI 2,894,298
KUPERMAN, ALEXANDER E. 2,737,386
KUREHA CORPORATION 2,829,062
KUSIC, IGOR 2,855,799
KWAK, MINSUNG 2,819,446
KYOTO UNIVERSITY 2,718,830
LACOMBE, JEAN-CLAUDE 2,733,323
LAI, BO 2,866,188
LAI, BO 2,866,207
LAI, QING 2,709,114
LANDMARK GRAPHICS CORPORATION 2,918,275
LANE, JONATHAN ANDREW 2,796,866
LANG, LESLIE L. 2,806,125
LANUZA CERZOCIMO, CARLA 2,730,475
LARSON, PAUL R. 2,806,125
LARTIGUE, CAROLE 2,643,136
LASNIER, PATRICE 2,741,247
LAVAGNA, LUIS MOSCOSO 2,896,075
LAWSON, KATHLEEN MARIE 2,840,195
LBC CONTRACTING, LTD. 2,884,497
LE CLAIR, ALAIN 2,709,453

LE NY, ANNE-LAURE 2,893,276
LEBERFINGER, MARCUS 2,739,686
LECIP HOLDINGS CORPORATION 2,876,810
LEDDARTECH INC. 2,839,194
LEE, BEUM JAE 2,850,053
LEE, CHRIS 2,938,684
LEE, DAE WON 2,789,315
LEE, DAE WON 2,817,956
LEE, JOONHUI 2,810,159
LEE, SANG-SUN 2,748,518
LEE, STUART HARVEY 2,892,717
LEE, SUN-IL 2,812,949
LEE, TAMMY 2,812,949
LEE, TAMMY 2,903,195
LEEMAN, DANIEL J. 2,668,340
LEGER, LYNN 2,764,576
LEGROS, DERECK 2,884,497
LEGROS, PAUL 2,884,497
LEHANE, JAMES J., JR. 2,784,885
LEK PHARMACEUTICALS D.D. 2,731,924
LEMKE, GREG E. 2,703,519
LENUZZI, IVAN 2,830,925
LEQUY, DAVID 2,715,126
LES MACHINERIES PRONOVOST INC. 2,777,641
LEYS, CARINA 2,677,170
LG ELECTRONICS INC. 2,789,315
LG ELECTRONICS INC. 2,795,640
LG ELECTRONICS INC. 2,810,159
LG ELECTRONICS INC. 2,812,100
LG ELECTRONICS INC. 2,817,956
LG ELECTRONICS INC. 2,819,446
LG ELECTRONICS INC. 2,845,780
LI, BING 2,720,685
LI, DONG YANG 2,777,100
LI, GUANN-PYNG 2,625,071
LI, LEI 2,705,557
LI, XIAOXIAN 2,922,826
LIANG, MINGHWA BENJAMIN 2,886,472
LIAO, XIUGAO 2,752,046
LIEGE, BRUNO 2,834,963
LIEGE, BRUNO 2,835,047
LIFEASSAYS AB 2,735,383
LIFESAFER INTERLOCK, INC. 2,667,102
LIM, WEN CHUNG 2,899,308
LIMOR, RONA 2,667,971
LIN, MENGGUANG 2,879,917
LINDEMANN, LOTHAR 2,765,921
LINNAASEN, ADAM 2,799,150
LIPOTEC S.A. 2,647,775
LIQUI-BOX CORPORATION 2,753,540
LITTLE, HERBERT A. 2,807,583
LIU, GENTAO 2,700,436
LIU, JUN 2,892,060
LIU, QIANQIAN 2,866,188
LIU, QIANQIAN 2,866,207
LIU, WEI 2,879,917
LIU, WEN-JIE 2,896,075
LIU, XIANGYONG 2,917,735
LIU, YUN-ZHAO 2,823,092
LIU, YUYING 2,781,322
LIVINGSTONE, DAVID E. 2,737,361
LOBEIRA MASSU, RODRIGO 2,728,169
LOCHEAD, ALISTAIR 2,761,663
LOCHTEFELD, THOMAS J. 2,744,566
LOHWIESER, HERIBERT 2,797,023
LOKKEN, MICHAEL W. 2,638,462
LOMBARDO, ELEUTERIO 2,742,698
LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE 2,712,506
LONG, WEI 2,917,735
LONG, WILLIAM GEORGE 2,820,632
LONTKA, KAREN D. 2,730,617
LONZA INC 2,756,575
LOUVET, ALEXIS 2,746,517
LOWE, STEVEN E. 2,688,077
LTT BIO-PHARMA CO., LTD. 2,755,116
LU, SU 2,822,195
LUCCHESI, JIMMY 2,940,280
LUGASH, RICHARD 2,458,050
LUNEBURG, CATALINA MARIA 2,918,275
LUXME HOLDING INC. 2,741,247
LV, YUANFANG 2,879,917
LYNCH, CECIL O. 2,870,930
LYSSIKATOS, JOSEPH P. 2,734,831
LYYTIKAEINEN, HEIKKI 2,735,933
LØSET, GEIR AGE 2,789,492
MACDONALD, RUSSELL JAMES 2,822,195
MACLEOD, ANDREW 2,735,933
MACOR, RICHARD J. 2,721,864
MADRID, GILBERT 2,784,499
MAEDA METAL INDUSTRIES, LTD. 2,739,779
MAEDA, SHOKO 2,846,618
MAGALHAES SIMOES, SERGIO PAULO 2,741,429
MAGNUS, PHILIP 2,939,708
MAHAPATRA, SRIJOY 2,790,328
MAJERCAK, DAVID C. 2,652,687
MAK, WING KWONG 2,819,923
MAKOS, TIMOTHY S. 2,882,652
MALAKHOV, MICHAEL 2,506,526
MALCOLMSON, STEVEN J. 2,712,503
MALKASIAN, HARRY 2,857,399
MALLOY, ALLEN L. 2,681,200
MALONEY, JEROME A. 2,681,430
MALONEY, PHILLIP R. 2,868,843
MANASHEROV, TAMAZ OMAROVICH 2,862,186
MANDIGO, GREGORY J. 2,861,670
MANEGOLD, ERIC S. 2,458,050
MANEWITZ, MARK L. 2,799,645
MANIN, MICHEL 2,748,906
MANN, BARRIE 2,943,117
MANOHAR, PRADHEESH 2,753,694
MARCHI, MAURIZIO ILER 2,732,593
MARICA, ADRIAN 2,921,074
MARIN ZURDO, JOSE JAVIER 2,730,475
MARIS, ERIN 2,737,386
MARKOVIC, ALEN 2,830,925
MARKS, ALAN L. 2,501,519
MARMSAETER, FREDRIK P. 2,734,831
MARTIN, HANS GOERAN EVALD 2,738,820
MARUYAMA, MEGUMI 2,792,539
MASON, GARY 2,896,907
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,712,503
MATELO, SVETLANA KONSTANTINOVNA 2,862,186
MATKIWSKY, YAROSLAW 2,727,846
MATSUHASHI, HISASHI 2,795,446
MATSUNO, TAKESHI 2,876,810
MATSUSUE, MASAAKI 2,866,010
MAUHE, CHRISTIAN HENRI PAUL 2,754,687
MAURER, MARC 2,865,647
MAUTE, ROBERT E. 2,901,894
MAYER, DANIEL R. 2,458,050
MAZZA, CHRISTOPHER 2,845,742
MCCANN, ROBERT EMMETT 2,766,457
MCCOIGE, CHAD A. 2,816,231
MCDONALD, DANIEL J. 2,881,080
MCDOWELL, DONALD ELWIN 2,687,495
MCFADYEN, STEPHEN 2,892,554
MCGLINCHY, TIMOTHY B. 2,872,219
MCKIMMY, MATTHEW 2,745,137
MCQUADE, CHARLES MICHAEL 2,458,050
MEDEMA, JAN PAUL 2,754,127
MEDICAL RESEARCH, INFRASTRUCTURE, AND HEALTH SERVICES FUND OF THE TEL AVIV MEDICAL CENTER 2,667,971
MEEK, SIMON J. 2,712,503
MEIER, LEONHARD 2,930,661
MEINCKE, ARNE 2,861,026
MENGEL, CHRISTOPH 2,870,463
MENIERE, JEROME 2,834,963
MENIERE, JEROME 2,835,047
MERAW, MICHAEL J. 2,889,560
MERGET, MARKUS 2,810,534
MERICLE, ERIK 2,939,708
MERRIEN, LIONEL 2,819,396
MESCHTER, PETER JOEL 2,744,815
METHANEX NEW ZEALAND LIMITED 2,876,998
METHERAL, CASEY J. 2,806,125
MICHEL, LEA 2,838,188
MICHELOT, ROBERT 2,692,005
MICROSOFT TECHNOLOGY LICENSING, LLC 2,501,519
MIDDYA, USUF 2,865,053
MIGUENS PEREIRA, MARIA 2,741,429
MILLER, DAVID BRUCE 2,881,653
MILLER, DAVID BRUCE 2,881,671
MILLER, EUGENE EDWARD 2,687,495
MILLER, JAMES M. 2,788,517
MILWAUKEE ELECTRIC TOOL CORPORATION 2,702,372
MIMEAULT, YVAN 2,839,194
MIN, JUNG-HYE 2,812,949
MINETEC S.A. 2,820,347
MINETEC S.A. 2,824,554
MINTON, NIGEL PETER 2,691,767

MITEK HOLDINGS, INC. 2,844,555
MITSUBISHI HITACHI POWER SYSTEMS ENVIRONMENTAL SOLUTIONS, LTD. 2,899,688
MITTENDORF, JOACHIM 2,747,305
MIURA, MASAKO 2,809,164
MIXNER, MICHAEL 2,873,702
MIYAZAKI, KAORU 2,718,830
MIZUSHIMA, KAZUMITSU 2,871,843
MIZUSHIMA, TORU 2,755,116
MO, XIAOQUN 2,855,671
MOE, FRIDTHJOF 2,738,155
MOEGLEIN, MARK 2,896,425
MOFFAT, KAREN A. 2,831,886
MOHMEYER, NILS 2,716,792
MONAVARI, SANAM 2,765,803
MONOSOL RX, LLC 2,687,017
MONTGOMERY, COLIN 2,708,931
MONTGOMERY, STEVEN R. 2,612,842
MORISHIMA, KAZUHIRO 2,777,511
MORITZHUBER, JOHANNES 2,856,980
MORO, VALERIO 2,924,630
MORRIS, ROBERT A. 2,668,340
MORVUS TECHNOLOGY LTD 2,691,767
MOSCOSO DEL PRADO, JAIME 2,732,877
MOSCOSO DEL PRADO, JAIME 2,747,314
MOSELAGE, JOHN H., III 2,831,516
MOTOROLA SOLUTIONS, INC. 2,881,080
MOTT, BRITT D. 2,816,231
MOTTOLA, DAVID 2,851,309
MOUREAUX, FLORIAN 2,854,049
MOZDZIERZ, PATRICK 2,696,419
MRAVLJAK, JANEZ 2,731,924
MUELLER, ACHIM 2,675,195
MUELLER, DANIEL 2,817,835
MULTIPLE SCLEROSIS RESEARCH CENTER OF NEW YORK 2,668,200
MUNSON, MARK C. 2,734,831
MURAHASHI, KAZUKI 2,906,435
MURAKAMI, TATSUYA 2,865,742
MURATA, ATSUSHI 2,906,435
MURPHY, STEPHEN THOMAS 2,810,534
MYERS, GARRY L. 2,687,017
NAGAI, YUKIHIKO 2,840,753
NAGATA, RYOICHI 2,769,856
NAGAYAMA, YOSHIAKI 2,754,588
NAKAMURA, SHUICHI 2,926,569
NAKANO, KAZUAKI 2,843,186
NALWAYA, PRASHANT 2,753,694
NAN YA PLASTICS CORPORATION 2,929,687
NANT HOLDINGS IP, LLC 2,893,276
NATIONAL OILWELL VARCO, L.P. 2,830,702
NATIONAL OILWELL VARCO, L.P. 2,921,074
NATUREWISE BIOTECH & MEDICALS CORPORATION 2,847,877
NAYLOR, MATTHEW STUART 2,795,235
NEELD, MITCHELL K. 2,667,102
NELSON, ALAN FREDERICK 2,715,672
NELSON, BRUCE CARL 2,882,652
NELSON, KENNETH D. 2,727,739
NEMER, JOSEPH C. 2,911,421
NEPHROKIT 2,729,551
NESTEC S.A. 2,641,911
NESTEC S.A. 2,737,906
NESTEC S.A. 2,749,999
NESTEC S.A. 2,783,611
NESTEC S.A. 2,833,086
NEUGEBAUER, JULIA 2,730,063
NEW WIDETECH INDUSTRIES CO., LTD. 2,891,043
NEXTER SYSTEMS 2,726,664
NGUYEN, JOSEPH V. 2,737,386
NGUYEN, QUANG H. 2,692,666
NIAZI, KAYVAN 2,893,276
NICKEL, TROY D. 2,857,399
NIEMINEN, EMMI 2,764,218
NIETO MAGRO, CONCEPCION 2,732,877
NIETO MAGRO, CONCEPCION 2,747,314
NIHON PARKERIZING CO., LTD. 2,881,081
NIKLAS, JASON 2,667,102
NILSEN, INGE SVERRE LUND 2,746,741
NIPPON LIGHT METAL COMPANY, LTD. 2,871,843
NIPPON STEEL & SUMIKIN ENGINEERING CO., LTD. 2,906,435
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,843,186
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,926,569
NISHIMURA, ICHIRO 2,773,062
NISHIUCHI, TAKUMI 2,829,062
NISSAN MOTOR CO., LTD. 2,862,102
NISSAN MOTOR CO., LTD. 2,867,473
NOBLE, MICHAEL 2,735,933
NOEL, CHRISTIAN 2,726,664
NOJIMA, SATOSHI 2,792,539
NORMAN, LEWIS RHYNE 2,860,793
NOUSIAINEN, JAAKKO 2,799,643
NOVARTIS AG 2,675,195
NOVARTIS AG 2,730,063
NOVARTIS AG 2,732,932
NUMAO, YASUHIRO 2,862,102
NUTRITION PHYSIOLOGY CO., LLC 2,787,811
NUYTS, WALTER AGNES LOUIS 2,880,042
O'HAGAN, LIAM JOHN 2,836,302
OAKES, JEFFREY T. 2,668,543
OATEN, PHILIP J. 2,743,311
OBATAKE, TAKAYOSHI 2,739,779
OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "WDS FARMA" 2,862,186
OCHIAI, KATSUMI 2,840,753
ODUM, TOM 2,800,226
OERTEL, KAI 2,675,195
OGATA, NOBUAKI 2,777,511
OH, SEJIN 2,819,446
OKA, OSAMU 2,850,911
OKADA, TOSHIYUKI 2,846,618
OKAMOTO, RIKI 2,843,186
OLLILA, FREDRIK 2,940,280
OLSCHEWSKI, GUNTER 2,870,463
OLSEN, THOMAS 2,829,143
OLSON, JONATHAN SCOTT 2,740,817
OLSON, LEE 2,696,419
OLSON, SCOTT A. 2,702,609
OMACHRON INTELLECTUAL PROPERTY INC. 2,822,255
OMICRON ELECTRONICS GMBH 2,901,812
OMYA INTERNATIONAL AG 2,844,656
OMYA INTERNATIONAL AG 2,865,647
ONISHI, YASUHIRO 2,906,435
OOI, HOE SENG 2,744,595
OOWADA, YASUYUKI 2,871,843
OOYA, SHOUJI 2,773,062
OPENHYDRO IP LIMITED 2,746,744
ORIENTAL YEAST CO., LTD. 2,718,830
ORIENTAL YEAST CO., LTD. 2,850,911
ORTIZ, MARK S. 2,555,059
OSRAM SYLVANIA INC. 2,836,302
OTOMO, TAKAMASA 2,876,563
OVRE, WESLEY L. 2,638,462
OWENS, AARON M. 2,857,399
P.E.M.A. PRESERVING THE ENVIRONMENT MATTERS ASSOCIATION 2,439,345
PACAUD, DAMIEN 2,733,323
PACEY, CARL EDWARD KILGOUR 2,782,832
PAIN THERAPEUTICS, INC. 2,707,969
PALERMO, THOMAS 2,820,098
PALM, HAKAN 2,927,847
PALM, HAKAN 2,927,861
PAN, LIYING 2,709,114
PARK, CHEOL MIN 2,850,053
PARK, JIN S. 2,652,687
PASSERINI, ELENA 2,647,775
PASTACALDI, ALESSANDRA 2,720,001
PASTERNACK, RALF 2,675,195
PATEL, HIMANSHU D. 2,701,763
PAYNE, MICHAEL L. 2,767,769
PAYNE, ROY 2,692,666
PCC STRUCTURALS, INC. 2,905,342
PCI BIOTECH AS 2,729,369
PEAK DESIGN, LLC 2,800,575
PEARCE, JEREMIAH GLEN 2,650,522
PEARSON, DOUGLAS T. 2,887,805
PELLENS, LINDA 2,880,042
PELTOLA, ESA 2,837,828
PENG, YUNG-HSING 2,874,275
PENLESKY, ROBERT G. 2,850,648
PERENTES, ALEXANDRE 2,749,999
PERENTES, ALEXANDRE 2,783,611
PERERO LORENZ, ANGEL 2,730,475
PEREZ-CAMARGO, GERARDO 2,641,911
PERKS, BARBARA 2,820,632
PETERSON, JASON G. 2,753,540
PETROLIAM NASIONAL BERHAD (PETRONAS) (COMPANY NO. 20076-K) 2,698,655

PFIZER INC. 2,894,298
PHAM, STEPHEN 2,753,947
PHAN, UYEN TRUONG 2,754,127
PHARES, KEN 2,851,309
PHARMANEST AB 2,795,154
PHENEGER, JED 2,734,831
PHILIP MORRIS PRODUCTS S.A. 2,746,517
PHILLIPS, DAVID R. 2,855,671
PHILLIPS, ERICA M. 2,705,837
PICH, EMMANUEL 2,787,175
PICHICHERO, MICHAEL 2,838,188
PICKETT, JOHN ANTHONY 2,712,506
PIKE, LEE 2,808,409
PINILLA, CLEMENCIA 2,700,436
PIRON, CAMERON 2,892,554
PITT, ROBERT BRUCE 2,733,053
PITT, ROBERT BRUCE 2,733,318
PIVETTI, FAUSTO 2,769,960
PLANO MOLDING COMPANY 2,882,652
PLITHIDES, GREGORY C. 2,736,212
PLOWMAN, THOMAS EDWARD 2,705,837
PLUM, LORI A. 2,776,462
PODO ACTIVA, S.L. 2,730,475
POE, JERRY 2,742,309
POFFET, MARTINE 2,844,656
POHL, MICHAEL 2,844,656
POLAND, ROBERT R., III 2,916,082
POLLARD, BRIAN ANDREW 2,936,122
PONS Y MOLL, OLIVIER 2,720,924
POONGSAN CORPORATION 2,850,053
PORODO, JEROME YVES FELIX GILBERT 2,758,078
POTHARAJU, VENKATA SUBBARAO 2,881,603
POTTS, MICHAEL 2,793,260
POULIN, MICHAEL 2,839,194
PRAXAIR TECHNOLOGY, INC. 2,796,866
PRESLEY, TALBOT 2,705,837
PRESS, NEIL JOHN 2,732,932
PREVOT, CLAUDE 2,750,849
PRIESNITZ, RICO 2,683,211
PRISSOK, FRANK 2,716,792
PROCIW, PHILIP JAMES 2,821,565
PROGRESSIVE PRODUCTS, INC. 2,889,421
PROMISING FUTURE, LLC 2,772,326
PRONOVOST, REJEAN 2,777,641
PRONSKE, KEITH L. 2,754,358
PROPP, MURRAY 2,754,358
PROPRIETARY TECHNOLOGIES, INC. 2,721,864
PSION INC. 2,810,653
PUIG MONTIEL, ARTURO 2,647,775
QIU, CHUNYUAN 2,896,881
QUAKE, STEPHEN R. 2,767,084
QUALCOMM INCORPORATED 2,896,425
QUEZADA NAVARRETE, DAVID 2,824,554
QUINN, JACQUELINE W. 2,868,843
RABINOVICH, VICTOR 2,727,846
RABIZADEH, SHAHROOZ 2,893,276
RACKMATE INDUSTRIES INC. 2,708,931
RAILKAR, SUDHIR 2,785,905
RAINONE, MIKE 2,705,837
RAKAN, ALKHALAF 2,778,851
RAMASUBRAMANYAN, NATARAJAN 2,899,308
RAMIREZ, J. FERNANDO 2,728,169
RAO, LEI 2,756,575
RASMUSSEN, NIKOLAJ WETTERGREN 2,731,057
RASMUSSEN, OLE-BENDT 2,731,057
RAST, BRYSON 2,734,831
RAY, MICHAEL L. 2,787,811
RAYCHECK, JEROMY THOMAS 2,840,195
RE, MARCO 2,769,960
REBOLI, ANNE 2,723,937
REES, JOSE J.M. 2,800,226
REFAELI, YOSEF 2,735,522
REICH, ADAM A. 2,840,990
REIFF, CHRISTINE 2,675,195
REM SCIENTIFIC ENTERPRISES, INC. 2,901,894
RETRO-FIT NZ LIMITED 2,843,128
REYNOLDS, BRUCE 2,737,386
REYNOLDS, STEVEN J. 2,775,730
RIACHI, YOUSSEF 2,758,095
RICHMOND, JOSHUA 2,892,554
RICHTER, DANIEL TYLER 2,894,298
RIES, WILLIAM J. 2,701,532
RILEY, WYATT 2,896,425
RISER, BRUCE L. 2,701,763
RISSANEN, ARTO 2,799,643
RKW SE 2,930,661
ROACH, GREG 2,932,676
ROBERTSON, BENGT 2,666,344
ROBEY, PAMELA GEHRON 2,809,164
ROBINSON, JOHN E. 2,734,831
ROCHESTER GENERAL HOSPITAL RESEARCH INSTITUTE 2,838,188
ROCKWOOL INTERNATIONAL A/S 2,882,375
ROE, GEORGE 2,862,317
ROH, DONG WOOK 2,817,956
ROJAS, JAVIER ORLANDO 2,836,302
ROLLAND, DOMINIQUE 2,693,648
ROMANO, CARLO LUCA 2,940,280
ROOS, MARKUS 2,799,983
ROSATI, ANTHONY 2,807,583
ROSEMOUNT ANALYTICAL INC. 2,911,421
ROSEN, LEON D. 2,772,192
ROSENWALD, JEFFREY A. 2,892,037
ROSKOPF, WILLIAM R. 2,701,609
ROSSI, MAURO 2,667,834
ROTBERG, ERIC 2,831,886
ROTEC ROHSTOFF-TECHNIK GMBH & CO. KG 2,799,983
ROTHAMSTED RESEARCH LIMITED 2,712,506
ROTHLIN, CARLA V. 2,703,519
ROVI GUIDES, INC. 2,775,730
ROWITCH, DOUGLAS N. 2,896,425
ROY, MARIE GEORGINA 2,833,086
RRIP, LLC 2,891,246
RUBIO, FELIPE A. 2,728,169
RUBIO, MANUEL J. 2,728,169
RUNKEL, GUIDO 2,799,983
RUPPERT, ANDREAS 2,797,023
RUSSELL, ROBIE G. 2,458,050
S.P.C.M. SA 2,787,175
SAADY, MOURAD 2,761,663
SACKMAN, RONALD 2,862,317
SADIQ, SAUD A. 2,668,200
SAEED, ABUBAKER 2,873,489
SAELLBERG, KRISTER 2,927,847
SAELLBERG, KRISTER 2,927,861
SAEZ, CARLOS A. 2,749,135
SAINI, RAJESH KUMAR 2,860,793
SAINT-GOBAIN GLASS FRANCE 2,881,287
SAINT-GOBAIN ISOVER 2,720,924
SAITO, YOSHIHARU 2,874,520
SAKURA FINETEK U.S.A., INC. 2,749,135
SALLOUM, DAVID S. 2,810,534
SALMELA, JUHA K. 2,912,970
SALMON, ANDREW 2,881,603
SAMSUNG ELECTRONICS CO., LTD. 2,812,949
SAMSUNG ELECTRONICS CO., LTD. 2,903,195
SANCHEZ, LUIS 2,939,708
SANCHIS BRINES, FRANCISCO ANTONIO 2,750,598
SANDLIE, INGER 2,789,492
SANDVIK PROCESS SYSTEMS LLC 2,806,125
SANGART, INC. 2,600,927
SANOFI 2,761,663
SANYO FOODS CO., LTD. 2,754,588
SAREN, MATTI-PAAVO 2,729,524
SAREPTA THERAPEUTICS, INC. 2,584,873
SARICH, MARY TERESA 2,881,653
SARICH, MARY TERESA 2,881,671
SASHOV, SERGEY N. 2,918,273
SATRAN, AMIR 2,853,928
SAUDI ARABIAN OIL COMPANY 2,832,326
SAUDI ARABIAN OIL COMPANY 2,865,053
SAUDI ARABIAN OIL COMPANY 2,873,489
SAUNDERS, GEORGE 2,865,647
SCA TISSUE NORTH AMERICA LLC 2,690,421
SCANZILLO, THOMAS L. 2,650,907
SCHAADT, EVELINE 2,730,063
SCHAEFER, STEFFEN 2,793,260
SCHAEPERS, JOCHEN RAINER 2,892,717
SCHENDEL, DOLORES J. 2,647,622
SCHERER, AXEL 2,767,084
SCHERER, MARIA 2,753,150
SCHILLING, ROBIN BRUNO 2,795,235
SCHIMMEL, PAUL 2,404,484
SCHIROK, HARTMUT 2,747,305
SCHLACHTER, STEPHEN T. 2,734,831

SCHLAGE LOCK COMPANY LLC 2,881,653
SCHLAGE LOCK COMPANY LLC. 2,881,671
SCHLECHT, BERTHOLD 2,793,260
SCHLUMBERGER CANADA LIMITED 2,696,804
SCHLUMBERGER CANADA LIMITED 2,744,595
SCHMID, KATHARINA 2,675,195
SCHMIDT, HOWARD KHAN 2,832,326
SCHMIDT, JEFFREY V. 2,638,462
SCHNALL, ROBERT P. 2,725,320
SCHNEIDERMAN, JAMIE 2,657,495
SCHONEVELD, ERIK 2,750,598
SCHONFELDER, DANIEL 2,716,792
SCHOTTEL GMBH 2,793,260
SCHRINER, JOEY JAY 2,880,042
SCHROCK, RICHARD R. 2,712,503
SCHUESSLER, DAVID J. 2,734,256
SCHUITEMA, DENNIS J. 2,780,825
SCHUNK, STEPHAN 2,930,661
SCHUSSLER, OLIVIER 2,692,005
SCHUTTE, JOSHUA MICHAEL 2,753,540
SCHWABE, STEFAN 2,901,812
SCHWEISS, LEO J. 2,638,462
SCHWEND, DIANA J. 2,766,457
SCOTT, GEORGE R. 2,766,838
SEB S.A. 2,715,126
SEDDON, KENNETH RICHARD 2,698,655
SEDLECKY, DANIEL 2,681,430
SEIDEL, HENNING 2,930,661
SEKAB E-TECHNOLOGY AB 2,765,803
SELA, GAL 2,892,554
SELBO, PAL KRISTIAN 2,729,369
SELVARAJ, GOPINATH 2,785,752
SEMENOV, ANDREY V. 2,918,273
SENF, MICHAEL 2,793,260
SENSEAIR AB 2,738,820
SENVION SE 2,883,431
SEO, HANBYUL 2,795,640
SEOK, YONG HO 2,789,315
SEOK, YONG HO 2,812,100
SEOK, YONG HO 2,817,956
SEVI, GUILLAUME 2,780,594
SHAH, MANISH S. 2,734,075
SHANMUGAM, MOHAN KUMAR 2,785,752
SHARMA, SHARAD 2,838,188
SHAW INDUSTRIES GROUP, INC. 2,800,226
SHAWCOR LTD. 2,829,869
SHEA, GERALD P. 2,501,519
SHELL CANADA LIMITED 2,650,522
SHEN, XI 2,709,114
SHENG, PINGCHUN 2,881,287
SHEPHERD, PHILIP 2,855,671
SHEPHERD, ROBERT R., II 2,872,219
SHEPPARD, JOEL 2,735,652
SHEYNBLAT, LEONID 2,896,425
SHI, SONGTAO 2,809,164
SHIGETA, YASUSHI 2,886,087
SHIMOZONO, KAZUKI 2,920,742
SHIN NIPPON BIOMEDICAL LABORATORIES, LTD. 2,769,856
SHINTANI, JUNKO 2,865,742
SHOEMAKER, DANIEL 2,655,272
SHUTO, HIROSHI 2,843,186
SI, ERWIN C. 2,753,947
SICILIANO, ROSA ANNA 2,667,834
SIDHU, SACHDEV S. 2,720,685
SIDHWA, FEROZE 2,901,894
SIEMENS INDUSTRY, INC. 2,730,617
SIEVERLING, NATHALIE 2,769,892
SIHLER, JOACHIM 2,744,595
SILICALIA, SL 2,750,598
SILVA, ANTHONY A. 2,927,302
SILVER, TRAVIS 2,741,014
SIMS, CHRISTOPHER E. 2,625,071
SINICROPI, JOHN 2,764,576
SIOW, ERIC 2,861,432
SKELTON, AMANDA 2,712,506
SKOVBY, MICHAEL 2,844,656
SKRZYPCZAK, MATHIEU 2,865,647
SMART-TAB, LLC 2,772,192
SMITH, CHRISTOPHER JOHN 2,843,128
SMITH, GREGORY S. 2,814,077
SMITH, HAMILTON O. 2,643,136
SMITH, JEFFREY H. 2,678,224
SMITH, MARK A. 2,750,475
SMITH, THOMAS S., II 2,724,517
SMITH, TODD J. 2,826,298
SMYTH, GREGORY IAN 2,810,653
SNECMA 2,770,244
SNECMA 2,780,594
SNECMA 2,789,261
SNOW, MICHAEL 2,905,342
SOHN, ILL SOO 2,817,956
SOK, SAM 2,784,499
SOLENIS TECHNOLOGIES CAYMAN, L.P. 2,769,892
SOLOMON, LAWRENCE 2,439,345
SOLVAY (SOCIETE ANONYME) 2,720,001
SOLVAY ADVANCED POLYMERS, L.L.C. 2,736,212
SONG, DECHEN 2,866,188
SONG, DECHEN 2,866,207
SONG, KYOUNG YOUNG 2,817,956
SONOCO DEVELOPMENT, INC. 2,919,452
SOON-SHIONG, PATRICK 2,893,276
SOSA, FRANCISCO 2,728,169
SOUTORINE, MIKHAIL 2,779,566
SOVA, MATEJ 2,731,924
SOWA, CHRISTIAN 2,753,984
SOY LABS LLC 2,664,066
SPANOLUX N.V.-DIV. BALTERIO 2,873,316
SPARTAN MOTORS, INC. 2,816,231
SPECTRUM BRANDS, INC. 2,698,851
SPEIER, CRAIG 2,863,741
SRI INTERNATIONAL 2,896,881
SRIRAM, SURESH 2,736,212
SRIVASTAVA, S. KRISHNA 2,808,409
SSG INTERNATIONAL, LLC 2,938,684
STABB, CHARLES W. 2,501,519
STANTON, CHRISTIE JAYNE 2,881,603
STARSCRIBER CORPORATION 2,528,452
STASCH, JOHANNES-PETER 2,747,305
STAUDER, JUDITH 2,683,211
STAUFFER, CHRISTINA S. 2,764,576
STEELE, MICHAEL S. 2,702,372
STEIN, DAVID A. 2,584,873
STERN, NAFTALI 2,667,971
STEVENS, PHILIPPE 2,854,049
STINGL, CAROLA 2,797,023
STOCHEL, GRAZYNIA 2,741,429
STOEHR, STEFAN 2,731,537
STOJKOV, MARK D. 2,911,421
STOKBROEKX, SIGRID CARL MARIA 2,677,170
STOKES, MICHAEL J. 2,555,059
STOOP, ERIC JONATHAN 2,733,053
STOOP, ERIC JONATHAN 2,733,318
STOUGHTON, ROLAND 2,655,272
STRELECKI, PAUL 2,730,617
STRUZKA, ZBYNEK 2,749,999
SUBRAMANIAN, KARTIK 2,899,308
SUGIURA, JUNICHI 2,696,804
SUH, JONGYEUL 2,810,159
SUH, JONGYEUL 2,845,780
SUMITOMO DAINIPPON PHARMA CO., LTD. 2,792,539
SUMMIT ESP, LLC 2,930,865
SUN, KAI 2,781,322
SUN, YI-CHENG 2,881,603
SUNCAST TECHNOLOGIES, LLC 2,745,137
SUNDARAM, SENTHIL KUMAR 2,785,752
SUNDBERG, MARK 2,795,154
SUNG, SUN-FENG 2,864,242
SUNG, SUN-FENG 2,878,310
SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD. 2,866,207
SUNTORY HOLDINGS LIMITED 2,756,087
SUOMEN LASINJALOSTUS OY 2,764,218
SUPRACUT SYSTEMS INTERNATIONAL INC. 2,943,117
SURTECO SE 2,930,661
SUSSMAN, GLENN ROBERT 2,737,150
SUTTON, SCOTT CHANNING 2,894,298
SUZUKI, KENTA 2,871,843
SVENSSON, SVEN-ERIK 2,765,803
SWANSON, LARRY WILLIAM 2,692,666
SWINNEY, KELLY ANN 2,677,170
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,892,554
SYNGENTA PARTICIPATIONS AG. 2,715,672
SYNTHETIC GENOMICS, INC. 2,643,136
SZAKACS, KEVIN 2,943,117
TA INSTRUMENTS-WATERS L.L.C. 2,857,399
TACOMA, EMERSON JOHN 2,829,869
TACTICO INC. 2,733,053

TACTICO INC. 2,733,318
TAIGA BIOTECHNOLOGIES, INC. 2,735,522
TAILOR, DILIP KUMAR 2,829,869
TAIT, PETER CAMPBELL 2,876,998
TAKAHASHI, KAZUTOSHI 2,718,830
TAKAHASHI, TAKAYASU 2,850,911
TAKAHASHI, YUKI 2,920,742
TAKAMURA, MASAHIRO 2,792,539
TALLIER, BERNARD 2,746,517
TANAKA, YOSHIKAZU 2,756,087
TANBUG, RASIM 2,880,042
TANI, KAZUHA 2,791,498
TARCHOUNA, IMENE 2,834,963
TARCHOUNA, IMENE 2,835,047
TARNOWSKI, LAURENT PIERRE 2,758,078
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,781,322
TATAMIDANI, HIROTO 2,792,539
TATEISHI, HIDEAKI 2,829,062
TAYLOR, KAREN PADHAM 2,710,238
TAYLOR, THOMAS J. 2,785,905
TECHNISCHE UNIVERSITAET DRESDEN 2,793,260
TECHNOSLIPS INC. 2,889,560
TECHTRONIC POWER TOOLS TECHNOLOGY LIMITED 2,712,216
TEDESCO, LEE M. 2,784,885
TEIJIN FRONTIER CO., LTD. 2,777,511
TEIKOKU SEIYAKU CO., LTD. 2,791,498
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,927,847
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,927,861
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,879,917
TEODORIU, CATALIN 2,723,962
TEPE, DANIELA 2,716,792
TERAKURA, SEIICHI 2,899,688
TERRY, STEPHEN E. 2,788,517
THALES 2,709,453
THALES 2,733,323
THE BABCOCK & WILCOX COMPANY 2,927,302
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,896,881
THE BOEING COMPANY 2,826,797
THE BOEING COMPANY 2,831,516
THE BOEING COMPANY 2,845,742
THE BOEING COMPANY 2,862,317
THE BOEING COMPANY 2,885,135
THE BRADBURY COMPANY, INC. 2,814,077
THE CHEMOURS COMPANY FC, LLC 2,764,576
THE GENERAL HOSPITAL CORPORATION 2,655,272
THE PROCTER & GAMBLE COMPANY 2,810,534
THE PROCTER & GAMBLE COMPANY 2,840,195
THE PROCTER & GAMBLE COMPANY 2,846,618
THE PROCTER & GAMBLE COMPANY 2,880,042
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,625,071
THE SALK INSTITUTE FOR BIOLOGICAL STUDIES 2,703,519
THE SCRIPPS RESEARCH INSTITUTE 2,404,484
THE TORONTO-DOMINION BANK 2,883,039
THERMOPLAY S.P.A. 2,721,041
THIMMESCH, KEVIN 2,742,309
THOMAS & BETTS INTERNATIONAL, INC. 2,681,200
THOMAS, CHARLES 2,681,200
THOMAS, MONROE M. 2,892,554
THONNEY, YVES MICHEL 2,833,086
THORSEN, TODD A. 2,767,084
THUMA, MICHAEL 2,745,137
TICKNER, JAMES 2,932,676
TIRINATO, JODY ANN 2,710,473
TJAEDER, TAINA 2,735,933
TOBIAS, ANDREW 2,922,334
TOFINI, YURI 2,817,776
TOLTEC PHARMACEUTICALS, LLC 2,853,152
TONELLO, EMILE 2,733,323
TONER, MEHMET 2,655,272
TOPALOV, GEORGE T. 2,734,831
TORREY PINES INSTITUTE FOR MOLECULAR STUDIES 2,700,436
TOUSSAINT, GWENAELLE 2,854,049
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,866,010
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,876,563
TROPPER, GERNOT 2,737,692
TRUCKAI, CSABA 2,741,453
TRUSCOTT, ANDREW J. 2,870,930
TRUSTEES OF BOSTON COLLEGE 2,712,503
TSUNEISHI, AKINOBU 2,881,081
TU, VAN QUY 2,807,583
TUCK-LEE, MICHAEL STEPHEN 2,820,632
TUCKER-SCHWARTZ, JASON M. 2,790,328
TULCHINSKY, EVGENY 2,853,928
TURBOMECA 2,758,078
TURNER, BENJAMIN JOHN 2,766,457
TURNER, BRIAN CURTIS 2,735,522
TUYLS, JAMES M. 2,912,970
TXCELL 2,706,429
TYCO FIRE & SECURITY GMBH 2,668,543
TYCO HEALTHCARE GROUP LP 2,696,419
TZORTZIS, GEORGIOS 2,838,309
U.S.A. AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION 2,868,843
UEHARA, RYOSUKE 2,899,688
UGOLINI, ALAN WILLIAM 2,750,528
UKUMA, AKIO 2,777,511
UNGER, MARC A. 2,767,084
UNITED THERAPEUTICS CORPORATION 2,851,309
UNIVERSIDADE DE COIMBRA 2,741,429
UNIVERSITE CATHOLIQUE DE LOUVAIN 2,764,145
UNIVERSITE DE STRASBOURG 2,755,876
UNIVERSITE JOSEPH FOURIER 2,718,245
UNIVERSITETET I OSLO 2,789,492
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC. 2,677,353
UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG 2,779,823
UNIVERSITY OF VIRGINIA PATENT FOUNDATION 2,790,328
UPM-KYMMENE CORPORATION 2,799,643
UPONOR INNOVATION AB 2,752,478
URASAKI, HIROMI 2,850,911
URBANSKA, KRYSTYNA 2,741,429
URLINGER, STEFANIE 2,730,063
USG INTERIORS, LLC 2,784,885
VACHE, JULIEN 2,761,663
VAIL INDUSTRIES INC. 2,701,532
VALDIVIA CALVO, FRANCISCO 2,730,475
VALEO JAPAN CO., LTD. 2,795,446
VALMET AUTOMATION OY 2,729,524
VAN BLADEREN, PETER 2,737,906
VAN DEN NEST, WILL 2,647,775
VAN EERD, PETER ANTHONY 2,782,832
VAN LOOKEREN CAMPAGNE, MENNO 2,720,685
VANHOUTTE, DIEDERIK EMIEL OMER 2,880,042
VANOYE, LAURENT 2,698,655
VASQUEZ HAUVA, EDUARDO 2,824,554
VASSEUR, JEAN-PHILIPPE 2,866,895
VEGH, MARK KENNETH 2,892,037
VENIAT, JACKY 2,715,126
VENKATACHALAM, MUTHAIAH 2,861,432
VENTER, J. CRAIG 2,643,136
VERA TORRES, BERNARDO 2,820,347
VEREGIN, RICHARD P N. 2,831,886
VERINATA HEALTH, INC. 2,655,272
VERMEULEN, BRUNO PAUL LOUIS 2,873,316
VERNOCHET, MAURICE GEORGES 2,789,261
VERSATILE POWER,INC. 2,740,777

VIEIRA, ERIC 2,765,921
VIJAYENDRAN, BHIMA RAO 2,748,555
VILLAR, ARTURO CAJIGA 2,839,502
VILLAR, VICENTE CAJIGA 2,839,502
VISIOGEN, INC. 2,752,046
VITRANO, MICHAEL D. 2,698,373
VOESTALPINE TUBULARS GMBH & CO KG 2,723,962
VOGEL, ANDREAS 2,752,478
VOGGENAUER, ROBERT 2,930,661
VOGLER, MICHAEL R. 2,745,137
VOGT, SEBASTIAN 2,850,867
VOLZ, PETRA 2,753,984
VOVAN, JANE N. 2,772,192
VRZIC, SOPHIE 2,765,585
VULEVIC, JELENA 2,838,309
VUOMAJOKI, PAULI 2,837,828
WACHS, TILO 2,930,661
WAKASUGI, KEISUKE 2,404,484
WAKITA, HIDEKAZU 2,795,446
WALKER, THOMAS CHAD 2,841,602
WALLACE, GLENN WILLIAM 2,820,632
WALLENIUS, TOMAS 2,837,828
WALTER KIDDE PORTABLE EQUIPMENT INC. 2,741,014
WALTON ENTERPRISES, INC. 2,749,959
WALTON, FREDDIE GEORGE 2,930,865
WALTON, WILLIAM D. 2,749,959
WANG, BAOYU 2,698,373
WANG, JING 2,881,618
WANG, KUEI-YUNG 2,929,687
WANG, MINGXIA 2,781,322
WANG, QIONG 2,879,917
WANG, XIAORU JENNY 2,810,534
WANG, YINGJUN 2,878,623
WANG, YULI 2,625,071
WANG, ZIMING 2,879,917
WARD, MICHAEL 2,699,201
WARDA, ROLF 2,930,661
WATANABE, GWENDOLYN 2,732,787
WATANABE, SHINICHIRO 2,843,186
WATSON, SIMON JAMES 2,732,932
WAVELIGHT GMBH 2,849,373
WAYNE FUELING SYSTEMS SWEDEN AB 2,930,171
WEIR MINERALS AUSTRALIA LTD 2,896,075
WEIS, MANFRED 2,740,648
WEISINGER, GARY 2,667,971
WEITZNER, BARRY D. 2,701,609
WENK, JOE 2,865,647
WETTERS, PAUL L. 2,780,825
WEYERGANG, ANETTE 2,729,369
WHELEN ENGINEERING COMPANY, INC. 2,826,298
WHITAKER, DAVID 2,735,933
WHITEHEAD, JAMES H. 2,877,399
WHITLATCH, STEPHEN P. 2,749,135
WICETEC OY 2,837,828
WICHMANN, JUERGEN 2,765,921
WIESMANN, CHRISTIAN 2,720,685
WILLIAMS, CHRYSANTHI 2,857,399
WILLIAMS, JADA MICHELLE 2,820,632
WILLIAMS, ZACHARY 2,814,077
WILLIAMSON, WARREN P., IV 2,749,135
WILLSON, IAN ALEXANDER 2,826,797
WIMMER, FRANZ 2,810,534
WING DYNASTY LIMITED 2,819,923
WINSLOW, ROBERT M. 2,600,927
WINSSINGER, NICOLAS 2,755,876
WINSTON, MATTHEW 2,784,499
WISCONSIN ALUMNI RESEARCH FOUNDATION 2,776,462
WM. WRIGLEY JR. COMPANY 2,855,671
WOISETSCHLAEGER, MAXIMILIAN 2,730,063
WONG, ANDREW 2,867,152
WOOD, MICHAEL 2,892,554
WOODS, JAMES 2,735,652
WORTHINGTON, STEVEN JOHN 2,881,603
WOSNICK, JORDAN H. 2,831,886
WRIGHT, A. DALE 2,734,831
WRIGHTMAN, ROBERT A. 2,653,273
WU, WEI 2,879,917
WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD. 2,866,188
WUNDER, FRANK 2,747,305
WURMAN, PETER R. 2,868,578
WUYTS, STIJN 2,677,170
WYBROW, TIM 2,689,178
WYTHES, MARTIN JAMES 2,894,298
XEROX CORPORATION 2,831,886
XIA, XIAOHU 2,855,671
XIAMEN MINGHE INDUSTRY CO., LTD. 2,864,242
XIAMEN MINGHE INDUSTRY CO., LTD. 2,878,310
XIAO, JINJIANG 2,873,489
XIE, QING 2,686,910
XU, BO 2,677,353
XU, LI 2,866,188
XU, LI 2,866,207
YAICHE, PHILIPPE 2,761,663
YAMADA, EIICHI 2,906,435
YAMADA, MUNEHIRO 2,718,830
YANAI, KIYOMI 2,920,742
YANG, HAI 2,822,195
YANG, HONG 2,899,308
YANG, JEONGHYU 2,810,159
YANG, JIYING 2,781,322
YANG, LI-YING 2,785,905
YANG, LIHUA 2,899,308
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AMAZON TECHNOLOGIES, INC. 2,962,631
AMAZON TECHNOLOGIES, INC. 2,962,633
AMAZON TECHNOLOGIES, INC. 2,962,634
AMGEN INC. 2,953,530
AMGEN RESEARCH (MUNICH) GMBH 2,953,530
AMINZADEH, MARK AMIN 2,962,444
AMRONA AG 2,953,188
AN, QIAOZHI 2,962,292
ANDERSEN, HANS VILLEMOES 2,962,708
ANDERSEN, KRISTINE BIRKLUND 2,951,794
ANDERSON, DAVID R. 2,962,569
ANDERSON, DEAN B. 2,962,423
ANDERSON, SCOTT T. 2,962,396
ANDO, TAKASHI 2,962,735
ANDO, TAKASHI 2,962,740
ANDREASSEN, ELISABETH LILL 2,956,853
ANDREWS, JONN-ROSS 2,962,620
ANHEUSER-BUSCH INBEV S.A. 2,962,488
ANHEUSER-BUSCH INBEV S.A. 2,962,498
ANTELO, LUIS 2,956,880
ANTNOR LIMITED 2,962,289
AOYAGI, KAZUHIKO 2,962,551
APOTEX INC. 2,962,664
APTE, ZACHARY 2,962,466
ARCTIC CAT INC. 2,959,042
ARCTICZYMES AS 2,956,853
AREVALO, EDGAR DEMESA 2,962,199
AREVALO, ISAAC RODRIGUEZ 2,962,199
ARIMA, KOJI 2,962,382
ARKEMA FRANCE 2,951,023
ARKEMA FRANCE 2,952,753
ARKEMA FRANCE 2,952,754
ARKEMA FRANCE 2,958,773
ARKEMA FRANCE 2,958,775
ARRIS ENTERPRISES LLC 2,956,317
ASAHI KASEI MEDICAL CO., LTD. 2,962,762
ASANO, TAKUYA 2,962,558
ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS (APHP) 2,952,898
AST, OLIVER 2,955,685
ATHIRATHNAM, RAJESH 2,962,462
ATKINS, JAMES EDWARD 2,962,416
ATKINSON, JONATHAN 2,956,238
ATSUYAMA, ERI 2,962,558
AUGELLI, JENIFER 2,954,746
AUNGIER, SUSAN REBECCA 2,956,737
AVENT, INC. 2,959,332
AVIS BUDGET CAR RENTAL, LLC 2,962,635
AZUMA, DAICHI 2,962,384
AZUMA, DAICHI 2,962,386
BABB, ZACHARY 2,962,218
BABBITT, VICTOR L. 2,958,852
BABBITT, VICTOR L. 2,958,855
BACAC, MARINA 2,955,685
BACHRACH, NATHANIEL 2,956,077
BACKFOLK, KAJ 2,962,712
BAE SYSTEMS CONTROLS INC. 2,962,409
BAER, CHRISTOPH 2,962,359
BAILEY, BRAD C. 2,962,582
BAKALA, JOANNA 2,952,913
BAKE, NINA 2,954,353
BAKER HUGHES INCORPORATED 2,962,574
BAKER HUGHES INCORPORATED 2,962,579
BAKER HUGHES INCORPORATED 2,962,737
BAKER, DAVID 2,962,208
BAKER, PHILIP NEWTON 2,953,030
BAKERS HUGHES INCORPORATED 2,958,302
BAKLE, ANAND 2,959,101
BALASUBRAMANIAN, RAMRAJPRABU 2,961,215
BALASUBRAMANIAN, RAMRAJPRABU 2,961,216
BALDENIUS, KAI-UWE 2,962,325
BALL, ANDREW T. 2,962,396
BALLENGEE, JASON B. 2,962,426
BALLUS, MONICA 2,959,123
BANER, JOHAN 2,956,883
BANGARU, DILIP 2,962,571

BANHAM, DUSTIN 2,962,468
BANNER LIFE SCIENCES LLC 2,962,916
BAOSHAN IRON & STEEL CO., LTD. 2,962,472
BAR, ELI 2,962,713
BARON, SCOTT J. 2,957,416
BARRAS, FLORIAN 2,962,213
BARRE, PATRICE 2,952,753
BARRE, PATRICE 2,952,754
BASF AGRO B.V. 2,952,896
BASF SE 2,956,880
BASF SE 2,962,325
BASTOS, CECILIA M. 2,952,862
BASUDE, RAGHUVEER 2,962,417
BATES, STEPHEN PAUL 2,953,233
BATTELLE MEMORIAL INSTITUTE 2,958,909
BAUMDICKER, KLAUS 2,954,466
BAXALTA GMBH 2,958,056
BAXALTA INCORPORATED 2,958,056
BAXTER, ANDREW JOHN 2,962,931
BAYER AKTIENGESELLSCHAFT 2,954,466
BAYER HEALTHCARE LLC 2,962,896
BEAM AUTHENTIC, INC. 2,962,452
BEARDEN, MONICA MARIA 2,953,688
BEAUCHAMP, DEREK 2,958,858
BECK, CHRISTIAN 2,958,974
BECTON DICKINSON ROWA GERMANY GMBH 2,953,650
BECTON, DICKINSON AND COMPANY 2,959,706
BEERS, DONALD ROBERT 2,951,398
BEGHIAN, ROBERT 2,962,237
BEHBAHANI, SIAVOSH REZVAN 2,962,466
BEHZADI, HOUMAN 2,962,226
BEIJING VITALSTAR BIOTECHNOLOGY CO., LTD. 2,962,306
BELANGER, INC. 2,959,149
BELANGER, MICHAEL J. 2,959,149
BELL, PETER SIMPSON 2,954,909
BELLINA, PAUL 2,959,096
BELLINVIA, SALVATORE 2,952,897
BEN, YUXIA 2,962,292
BENAC, BRIAN, L. 2,962,602
BENEDUSI, ANNA 2,953,036
BENNETT, LOUISE ELIZABETH 2,956,963
BERG, JON 2,957,847
BERGS, RICHARD KERMIT 2,951,398
BERMAN, PHILLIP J. 2,959,724
BESELT, RONALD E. 2,962,797
BETTIO, STEFANO 2,958,923
BEVERAGE, KEVIN 2,959,133
BHA ALTAIR, LLC 2,958,325
BHANDARI, ASHOK 2,962,642
BHATTACHARYYA, ANNYT 2,962,664
BHOJ, VIJAY 2,958,200
BIEHS, BRIAN 2,952,315
BILLERUDKORSNAS AB 2,951,592
BILLERUDKORSNAS AB 2,951,596
BINDRICH, UTE 2,957,291
BIOMET MANUFACTURING, LLC 2,961,949
BIONOR IMMUNO AS 2,951,616
BIPES, JEFFREY D. 2,962,425
BIRSS, VIOLA 2,962,468
BISWAS, ROOPA 2,962,593
BITTNER, MICHEL 2,959,123
BITZEL, RAYMOND PAUL JR. 2,962,359
BJORK, JASON W. 2,958,637
BLACK, CHRISTOPHER B. 2,962,491
BLANCHET, SCOTT 2,959,133
BLAND-WARD, PHILIP ANTONY 2,956,737
BLANKENBERG, FRANCIS GERARD 2,962,255
BLANZ, BIRGIT 2,956,880
BLATSTEIN, ERIC J. 2,962,244
BLAZER, BRADLEY JEROME 2,959,021
BLEICHER, KONRAD 2,954,228
BLINMAN, ADRIAN 2,962,285
BLOBEL, FRIEDHELM 2,962,451
BLOINK, MICHAEL P. 2,962,517
BLOOMBERG, STEVEN S. 2,962,425
BLUMEL, CLAUDIA 2,953,530
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BOEZEWINKEL, JOHAN 2,959,096
BOHM, ERNST 2,958,056
BOLDUC, ISABELLE 2,962,672
BOMBARDIER RECREATIONAL PRODUCTS INC. 2,962,247
BONNER, CHRISTOPHER WILLIAM 2,954,214
BONVINI, EZIO 2,962,603
BOOKBINDER, DANA CRAIG 2,959,021
BORDELON, RANDY PAUL 2,959,001
BORNICK, STEPHEN 2,962,951
BORSCHNECK, SEAN 2,962,190
BOTTCHER, ANDREAS 2,958,974
BOUDREAU, MARC A. 2,962,431
BOUSTANI, AVID 2,962,226
BOWIE, DEAN 2,962,336
BRAINCOOL AB 2,957,847
BRANAGAN, DANIEL JAMES 2,962,396
BRAND DEVELOPERS LTD 2,962,516
BRAUN, MICHAEL 2,962,325
BREATHEWISE, LLC 2,962,815
BRILEY, WILLIAM E. 2,958,577
BRITISH POLYTHENE LIMITED 2,953,233
BRODIN, JEFFREY D. 2,958,431
BRODT, MATTHEW 2,962,426
BROKHMAN, IRINA 2,962,289
BROOKHUIS, RAINIER 2,959,212
BROOKS, ALAN 2,962,896
BROUWER, KENNETH R. 2,962,491
BROWN, SCOTT G. 2,957,107
BRUDER, DAVID 2,958,172
BRUNNER, MARTIN 2,953,632
BRUSER, HEIKE 2,956,880
BRUSTIA, ANGELO 2,962,545
BRUTINEL, EVAN D. 2,958,637
BRYANT, PAUL SHERWOOD 2,958,325
BUDDE, MICHAEL 2,962,325
BUDDEKER, FRANCK 2,958,940
BUJANOS, JOAQUIN BEAS 2,956,317
BURKHARDT, STEPHEN E. 2,958,793
BURNS, NIGEL 2,956,737
BURROWS, BRUCE D. 2,962,617
BURROWS, BRUCE D. 2,962,688
BUTLER, LUKE 2,962,285
BUTTERFLY NETWORK, INC. 2,962,784
BUTTERFLY NETWORK, INC. 2,962,785
C3, INC. 2,962,226
CADOGAN, DAVID PHILLIP 2,962,394
CAHILL, RICHARD C. 2,962,425
CALABRESE, COLIN MICHAEL 2,958,577
CALCAGNILE, SELMA 2,959,110
CALIENDO, GUY P. 2,962,423
CALLEN, CHERYL ANN 2,953,688
CALYPSO BIOTECH SA 2,956,986
CALZADA, JAIME PADILLA 2,962,199
CALZADA, JEAN-PHILIPPE VIELLE 2,962,199
CAMERON INTERNATIONAL CORPORATION 2,962,586
CAMERON SOLUTIONS, INC. 2,956,928
CAMPANIELLO, JEAN JOSEPH 2,959,096
CAPARTIS AG 2,954,930
CARAPELLA, PETER A. 2,962,267
CARBOUW B.V. 2,962,389
CARDIOKINETIX, INC. 2,962,747
CARLE, ANNA 2,957,850
CARRERE, LAURIANE 2,953,755
CARRUTHERS, PETER A. 2,962,409
CARTWRIGHT, TIMOTHY B. 2,961,288
CASATI, PIETRO 2,962,545
CASE, ROBERT 2,962,361
CASPER, ANDREW J. 2,962,784
CASTELLAN, ALAIN 2,953,870
CASTRO, LUIS A. 2,962,579
CATALDO, STEVEN H. 2,962,567
CATERPILLAR INC. 2,961,203
CATON, NICOLA LOUISE 2,953,378
CCS TECHNOLOGY, INC. 2,962,559
CEDARS-SINAI MEDICAL CENTER 2,962,444
CEDARS-SINAI MEDICAL CENTER 2,962,493
CELLECTIS 2,950,381
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,953,870
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,952,898
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,952,913
CENTRO DE INVESTIGACION Y DE ESTUDIOS AVANZADOS DEL INSTITUTO POLITECNICO NACIONAL (CINVESTAV) 2,962,199

CEYSSON, OLIVIER 2,959,121
CHAKRABORTY, PRANESH 2,962,454
CHALLENGING INNOVATION LIMITED 2,958,791
CHAMMAS, BERTRAND 2,959,121
CHANG, CHEONG HO 2,962,653
CHANG, CHRISTOPHER 2,962,493
CHANG, MAYLAND 2,962,431
CHAO, YU-SHENG 2,962,329
CHARNEY, DENNIS S. 2,962,231
CHAVEZ, CARLOS GONZALEZ 2,962,199
CHEETHAM, EMMA 2,952,858
CHEN, CHIUNG-TONG 2,962,329
CHEN, FENGKUN 2,962,473
CHEN, HONGYU 2,962,582
CHEN, HUEI, WEN 2,962,415
CHEN, JIANGUO 2,917,665
CHEN, LU 2,962,861
CHEN, SHUHUI 2,962,474
CHEN, WAN-JIUN 2,962,415
CHENG, SHENG 2,962,396
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,953,491
CHEVRON U.S.A. INC. 2,949,762
CHIANG, CHENG-KANG 2,962,802
CHIASSON, DAVID WESLEY 2,959,021
CHIDA, TAKASHI 2,962,735
CHIDA, TAKASHI 2,962,740
CHILDREN'S HOSPITAL OF EASTERN ONTARIO 2,962,454
CHILKOOR SOUNDARARAJAN, LAXMI NARASIMHAN 2,953,039
CHINN, ROBERT 2,962,446
CHIODO, TIZIANA 2,952,896
CHIPCARE CORPORATION 2,962,861
CHIU, GORDON 2,956,491
CHIU, KUENLEY 2,962,226
CHOI, SANG BUM 2,962,653
CHOLHAN, HILARY J. 2,962,589
CHOLHAN, REMY 2,962,589
CHOMARAT, GILBERT 2,953,085
CHONG, YAP SENG 2,953,030
CHOPRIX LLC 2,962,589
CHRETIEN, PASCAL 2,958,848
CHROMATIC TECHNOLOGIES INC. 2,962,763
CHVATCHKO MISSOTTEN, YOLANDE 2,956,986
CIBERT, GREGORY 2,953,729
CLA-VAL CO. 2,962,743
CLARK, KURTIS 2,962,396
CLARKE, MICHAEL O'NEIL HANRAHAN 2,958,546
CLOPP, MATHEW D. 2,957,416
COCKERILL MAINTENANCE & INGENIERIE S.A. 2,959,561
COGORDAN, FRANK 2,958,773
COGORDAN, FRANK 2,958,775
COLD SPRING HARBOR LABORATORY 2,962,406
COLE, TIMOTHY DANIEL 2,960,988
COLGATE-PALMOLIVE COMPANY 2,952,916
COLLIN, PASCAL 2,952,913
COLLINS, ARLAN 2,962,552
COLLINS, JOHN 2,962,810
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,956,963
COMPACT GTL PLC 2,954,214
CONAGEN INC. 2,962,266
CONNORS, JEFFREY 2,962,600
CONSTELLIUM SINGEN GMBH 2,959,216
CONSTELLIUM VALAIS SA (LTD) 2,959,216
CONWAY, KENNETH ROGER 2,954,096
COOK GENERAL BIOTECHNOLOGY LLC 2,962,239
COPE, SIMON 2,962,464
COPPETA, JONATHAN 2,956,689
CORDIS CORPORATION 2,962,046
CORDIS CORPORATION 2,962,061
CORE, IAN M. 2,962,564
CORNING OPTICAL COMMUNICATIONS LLC 2,959,021
CORUM, JAMES F. 2,959,871
CORUM, JAMES F. 2,960,013
CORUM, JAMES F. 2,960,015
CORUM, JAMES F. 2,960,022
CORUM, JAMES F. 2,960,024
CORUM, KENNETH L. 2,959,871
CORUM, KENNETH L. 2,960,013
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CORUM, KENNETH L. 2,960,022
CORUM, KENNETH L. 2,960,024
COTTON, PAUL WILLIAM 2,962,931
COULTER, JONATHAN BARRETT 2,962,260
COURT, NIGEL TIMOTHY 2,959,099
COURTADE, EMMANUEL 2,957,350
COVALLA, SEAN 2,957,707
CPG TECHNOLOGIES, LLC 2,959,871
CPG TECHNOLOGIES, LLC 2,960,013
CPG TECHNOLOGIES, LLC 2,960,015
CPG TECHNOLOGIES, LLC 2,960,022
CPG TECHNOLOGIES, LLC 2,960,024
CRABEIL, JEAN - PAUL 2,959,123
CRANE, ALAN 2,962,768
CROOZER GMBH 2,959,091
CROOZER GMBH 2,959,099
CROP ENHANCEMENT, INC. 2,962,950
CROSS, BRIAN DAVID 2,961,215
CRUZ-MOURA, IVAN 2,952,898
CRYOSA, LLC 2,962,920
CSB-SYSTEM AG 2,956,289
CUENI, ANTON 2,954,228
CUI, LINA 2,962,297
CURSCHELLAS, CORINA 2,953,107
CURTIS, KEVIN R. 2,959,734
CYTEXX THERAPEUTICS, INC. 2,962,223
D B INDUSTRIES, LLC 2,962,087
D'ANTONIO, PETER ANTHONY, JR. 2,951,398
D'AURELIO, MICHAEL J. 2,960,022
DAC SYSTEM SA 2,962,545
DAEUWEL, JUERGEN 2,962,325
DAHL, CARL OSCAR FREDRIK 2,956,883
DAIICHI SANKYO COMPANY, LIMITED 2,962,724
DAIICHI SANKYO COMPANY, LIMITED 2,962,795
DAMART, HERVE 2,957,350
DANA CANADA CORPORATION 2,962,700
DANAHER, PATRICK JOHN 2,957,538
DANIEL, WILLIAM S. 2,962,425
DANNATT, BENJAMIN 2,954,214
DAPHOT ENTERPRISES LIMITED 2,958,795
DARLING, MARK E. 2,962,242
DAUBERMAN, MICHAEL 2,962,561
DAVIES, KELLY NICOLE 2,953,688
DAVIS, DARREN RAY 2,961,215
DAVIS, DARREN RAY 2,961,216
DAVIS, EVAN 2,959,995
DAVIS, TRACY MARGARET 2,949,762
DE BIJL, SJOERD HENDRIK 2,962,389
DE DIEGO, HEIDI LOPEZ 2,951,794
DE NORA PERMELEC LTD. 2,962,180
DE SAUVAGE, FRED 2,952,315
DEGOTT, PIERRE 2,954,983
DEL PAGGIO, ALAN ANTHONY 2,953,039
DEL-GALLO, PASCAL 2,954,447
DELBRIDGE, EWAN E. 2,959,142
DELMAS, GREGORY 2,958,773
DELPECH, BERNARD 2,952,913
DELVAUX, PHILIPPE 2,959,561
DEMARTIS, SALVATORE 2,952,897
DENG, HONGKUI 2,962,306
DENSO CORPORATION 2,962,381
DEPUYDT, JOSEPH ALLAN 2,953,391
DERIA, MOHAMMED YUSUF 2,962,775
DERKS, PATRICK 2,961,215
DERKS, PATRICK 2,961,216
DESPLAND, CLAUDE-ALAIN 2,954,983
DESSEN, ARNE 2,959,101
DEUR-BERT, DOMINIQUE 2,951,023
DEUTSCHES INSTITUT FUER LEBENSMITTELTECHNIK E.V. 2,957,291
DEVIALET 2,953,729
DEVINSKY, ORRIN 2,952,858
DEWALD, PAUL 2,958,748
DEYBER, HELENE 2,953,107
DIEHL AEROSPACE GMBH 2,956,300
DIEHN, SCOTT 2,955,483
DIKME, UFUK 2,962,129
DILULLO, MARK 2,959,734
DILWORTH, DAMON E. 2,962,517
DIMACHKI, ADHAM 2,962,658
DIMARCANTONIO, ALBERT L. 2,962,705
DING, DERONG 2,962,431

DING, ZHAN JUN 2,962,804
DING, ZHAOZHONG 2,962,474
DIRENBERGER, CAROLIN 2,957,850
DIWANJI, ASHISH, P. 2,962,602
DOCKAL, MICHAEL 2,958,056
DODD, ANDREW S. 2,959,021
DOLLA, WILLIAM J.S. 2,962,895
DOLSEY, RUSSELL 2,954,408
DOMIT, EDWARD 2,959,133
DONG, GUIMIN 2,962,474
DONG-A ST CO., LTD. 2,962,917
DONNELLY, JULIA 2,958,155
DORRIS, ANNIE 2,962,292
DORRIS, GILLES 2,962,292
DOU, JAMES JIAHUA 2,962,861
DOUBLE BOND PHARMACEUTICALS AB 2,958,820
DOUCHIN, VERONIQUE 2,957,331
DOW GLOBAL TECHNOLOGIES LLC 2,959,144
DOW GLOBAL TECHNOLOGIES LLC 2,959,160
DOW GLOBAL TECHNOLOGIES LLC 2,962,473
DOW GLOBAL TECHNOLOGIES LLC 2,962,582
DOYLE, SHAWN 2,962,435
DRIVER, CATHRYN HELENA STANFORD 2,962,525
DU, YU 2,962,763
DUAN, BAOLING 2,962,474
DUBET, OLIVIER 2,954,447
DUBS, JUSTIN 2,962,926
DUCKWORTH, JASON EDWARD 2,962,421
DUFF, ROANLD RICHARD, JR. 2,953,391
DUGAS, AARON WILLIAM 2,959,001
DUKE UNIVERSITY 2,962,937
DUKE UNIVERSITY 2,962,938
DUKES, DOUGLAS, M. 2,962,602
DUKHANDE, VIBHUTI 2,954,597
DUMONT, VINCENT 2,959,561
DUNCAN, JULIE HELENE EMOND 2,951,788
DUNCAN, SAMMY CHRIS 2,962,664
DUNN, STEVEN M. 2,956,986
DURAND, NICOLAS 2,953,755
DUREZ CORPORATION 2,959,054
DURIO, KENNETH EDWARD 2,959,001
DUSSIOT, MICHAEL 2,952,898
DUTTON, JULIE 2,962,639
DWS S.R.L. 2,953,303
DYAKONOV, TATYANA 2,962,916
DZIEKAN, MARCIN 2,961,999
E. I. DU PONT DE NEMOURS AND COMPANY 2,955,483
E. I. DU PONT DE NEMOURS AND COMPANY 2,957,684
EAGLE BIOLOGICS, INC. 2,962,768
EASH, CHRISTOPHER 2,961,949
EBERT, SOPHIA ROSA 2,959,071
ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) 2,962,213
EDISON WELDING INSTITUTE, INC. 2,962,583
EDP INC 2,962,656
EDWARDS, RICHARD LAMAR, JR. 2,959,001
EDYE, LESLIE ALLAN 2,962,188
EHRESMANN, MANFRED 2,952,896
ELDE, MORTEN 2,956,853
ELDEC CORPORATION 2,959,156
ELGAMMAL, RAMEZ 2,962,193
ELISEEV, IVAN IVANOVICH 2,958,795
ELLIS, JAMES E. 2,962,567
ELLWANGER, KRISTINA 2,957,462
ELWOOD, PAUL D. 2,962,517
EMSCAN CORPORATION 2,962,471
ENDURANCE LIFT SOLUTIONS, LLC 2,962,607
ENGH, TRACY A. 2,962,242
ENGLAND, TODD 2,958,788
ENGMAB AG 2,955,685
ENNIS, BERNARD LEO 2,959,096
ENOKI, TOMONORI 2,962,733
ENQVIST, RAUNO 2,961,867
EPISURF IP-MANAGEMENT AB 2,954,353
ERCEG, DAVID 2,962,810
ERICSSON, OLOF JOHN 2,956,883
ERNFJALL, JOHNNY 2,953,417
ESER, MARKUS 2,957,462
ESSEGHIR, MOHAMED 2,962,582
ESTES, BRADLEY T. 2,962,223
EVISIVE, INC. 2,962,411
EVOLVA SA 2,957,331
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,958,761
EYRE, CHRIS E. 2,962,252
F. HOFFMANN-LA ROCHE AG 2,952,895
F. HOFFMANN-LA ROCHE AG 2,953,450
F. HOFFMANN-LA ROCHE AG 2,954,228
F.HOFFMANN-LA ROCHE AG 2,962,124
FAN, LIQIANG 2,962,473
FAN, XIAOCHUN 2,957,684
FANCHER, ROBERT 2,962,208
FANG, RIGUO 2,962,306
FARLAND, RICHARD M. 2,962,645
FATMI, AQEEL A. 2,962,916
FAUTI, TANJA 2,955,685
FEDEROWICZ, JOSEPH 2,958,901
FEIMA, NICO 2,959,212
FELDMAN, RICHARD 2,962,896
FELLING, MITCH 2,959,995
FELMLEE, ALAN 2,962,588
FEMPULSE, LLC 2,962,893
FENSKE, WILLIAM J. 2,962,804
FERGUSON, HUGH 2,962,940
FERNO-WASHINGTON, INC. 2,962,446
FERRETTI, STEPHANE 2,953,079
FERRO GMBH 2,959,225
FESTA PEREIRA RIBEIRO, EDUARDO JORGE 2,951,788
FIETEN, BRAM 2,959,212
FIGEYS, DANIEL 2,962,802
FILIPPOV, ANDREY 2,962,681
FINNERTY, CAINE 2,958,748
FISHER & PAYKEL HEALTHCARE LIMITED 2,962,678
FITZGIBBON, JAMES J. 2,962,270
FLAMMER, JEFFREY 2,962,810
FLECHSENHAR, KLAUS 2,951,972
FLIN, MATTHIEU 2,954,447
FLO SOLUTIONS, LLC 2,962,244
FLODIM, SARL 2,959,123
FLORATINE PRODUCTS GROUP, INC. 2,961,288
FLORES, JONATHAN 2,962,950
FLORES, JUAN CARLOS 2,962,574
FLORES, JUAN CARLOS 2,962,579
FLSMIDTH A/S 2,962,368
FOGMAKER INTERNATIONAL AB 2,953,417
FOMINE, ALEXEI 2,962,892
FONDATION IMAGINE 2,952,898
FONTANESI, CLAUDIO 2,962,758
FORG, CHRISTIAN 2,950,235
FORTUNATO, ROBERTO 2,953,303
FOSS ANALYTICAL A/S 2,962,708
FOSTER, DON 2,958,758
FOX, TIM 2,962,199
FPINNOVATIONS 2,962,292
FRANKISCHE INDUSTRIAL PIPES GMBH & CO. KG 2,961,839
FRAPART-JANNAUD, YVES-MICHEL 2,952,913
FRASER, JAMES ANDREW 2,962,861
FRAZER, IAN 2,962,639
FREESE, ROBERT PAUL 2,962,727
FREIMOSER-GRUNDSCHOBER, ANNE 2,955,685
FREMONT, JEREMY 2,959,123
FREMY, GEORGES 2,952,753
FREMY, GEORGES 2,952,754
FRENETTE, STEPHAN 2,962,522
FRERICHS, ANDREW E. 2,962,396
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,959,701
FREYER, STEPHAN 2,962,325
FRIESS, THOMAS 2,962,124
FRISCH, RYAN 2,957,684
FROEHLICH, ALLAN 2,957,699
FROEHLICH, ALLAN 2,957,707
FROST, ELTON, JR. 2,962,574
FRUGE, LINH 2,952,916
FU, XIN-YUAN 2,962,757
FUCEK, IVICA 2,957,462
FUJI SEAL INTERNATIONAL, INC. 2,962,382
FUJIFILM CORPORATION 2,962,241
FUKADA, MASAO 2,962,284
FUKATSU, DAISUKE 2,962,724
FULFORD, ROBERT SCOTT 2,962,364
FULLAM, SCOTT 2,961,206
FURRER, STEFAN 2,954,746
FURUKAWA, HIROYUKI 2,962,912
GABRIELE, PETER D. 2,958,155
GAIDELIS, VALENTAS 2,962,712
GALEA, ANTHONY 2,962,289
GALLER, THOMAS 2,962,505
GANDHI, PERUMAL 2,958,858

GAO, RENLONG 2,962,474
GARCIA MARTINEZ, RAFAEL ALBERTO 2,952,900
GARDINER, MICHAEL J. 2,962,368
GARDRAT, CHRISTIAN 2,953,870
GCCM, LLC 2,962,448
GCP APPLIED TECHNOLOGIES INC. 2,962,776
GE OIL & GAS, INC. 2,962,462
GEBHARDT, JOACHIM 2,952,896
GEHIN-DELVAL, CECILE 2,953,107
GEHLEN, ANDREAS 2,959,091
GENENTECH, INC. 2,952,315
GENERAL ELECTRIC COMPANY 2,954,096
GENERAL MILLS, INC. 2,958,521
GENES DIFFUSION 2,957,350
GENESEQUE AS 2,957,326
GENETIC TECHNOLOGIES LIMITED 2,962,691
GEORGE, RONALD A. 2,962,404
GEOX S.P.A. 2,954,806
GERFLOR 2,959,121
GERNENTZ, RYAN SCOTT 2,962,607
GERSTER, JENNY L. 2,962,664
GHAHARY, AZIZ 2,962,655
GHALIB, SYED NAVEED 2,962,635
GHOSH, RAMPRASAD 2,962,297
GIDDENS, TAYLOR L. 2,962,396
GIESECKE & DEVRIENT GMBH 2,961,101
GIESECKE & DEVRIENT GMBH 2,961,113
GILEAD SCIENCES, INC. 2,958,546
GINESTET, PHILIPPE 2,957,364
GINESTRA, JOSIANE MARIE-ROSE 2,954,409
GIORGINO, RUBEN 2,959,110
GIROLA, ANDREAS ENRICO 2,961,839
GIULIANI S.P.A. 2,953,036
GIULIANI, GIAMMARIA 2,953,036
GIVAUDAN SA 2,954,746
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,958,800
GLEESON, DANIEL JAMES 2,962,394
GLOBESHERPA INC. 2,962,218
GLU MOBILE INC. 2,962,706
GOC-MACIEJEWSKA, IZABELA 2,962,776
GODEKE, DIETER 2,959,225
GODFREY, KEITH MALCOLM 2,953,030
GODING, JONATHAN W. 2,962,517
GOETZ, ROLAND 2,952,896
GOFFIN, LAURENCE 2,956,986
GOLERET, VINCENT YVES MARIUS 2,962,559
GONG, GANGLI 2,962,474
GONIODSKY, IGAL 2,959,156
GONZALES, DONALD A. 2,962,920
GONZALEZ, JAVIER G. 2,962,427
GOOD STUFF, LLC 2,962,193
GOOD TECHNOLOGY HOLDINGS LIMITED 2,962,576
GORDON-KAMM, WILLIAM 2,962,199
GOUALARD, GUILLAUME 2,962,213
GOVINDAN, PRAKASH NARAYAN 2,962,620
GRACE, MARY H. 2,962,791
GRADIANT CORPORATION 2,962,620
GRANDT, CHRISTOPHER 2,958,974
GRANDY, KRIS 2,962,760
GRAVELEAU BILLEMAZ, LAURE 2,957,364
GRAY, MICHAEL 2,962,218
GREEN, LUKE 2,952,895
GREEN, STUART P. 2,962,664
GREENBLUE URBAN LIMITED 2,962,336
GRELIER, STEPHANE 2,953,870
GRIESSMANN, ERIK 2,959,701
GRIFFIN, WESTON BLAINE 2,954,096
GRONVOLD, MAJA SOMMERFELT 2,951,616
GROSS, DIETMAR 2,953,650
GROSS, THOMAS D. 2,957,416
GROTH, ALEXANDRA 2,960,457
GROTHE, KIRSTEN 2,951,972
GRUBERT, MARCEL A. 2,958,761
GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD. 2,962,660
GUEDAT, PHILIPPE 2,951,186
GUERRERO, MIGUEL A. 2,962,922
GUILAK, FARSHID 2,962,223
GUNES, ZEYNEL DENIZ 2,953,107
GUO, FENG 2,962,474
GUPTA, D. V. 2,958,302
GUPTA, PARAG 2,962,895
GURU, KHURSHID 2,962,240
GUTIERREZ, NICHOLAS 2,962,279
GUTIN, ALEXANDER 2,958,801
GUY, GEOFFREY 2,952,858
GUY, GEOFFREY 2,952,994
GW PHARMA LIMITED 2,952,858
GW PHARMA LIMITED 2,952,994
H. LUNDBECK A/S 2,951,794
HABERER, CHRISTOPH 2,962,514
HADDAD, ANTOINE 2,962,594
HAESSLER, ALEXANDRA 2,962,893
HAGE, KERSTIN 2,956,880
HAILA, DEWI 2,962,557
HAILA, OLLI-PEKKA 2,962,557
HALDOR TOPSOE A/S 2,951,779
HALDOR TOPSOE A/S 2,952,535
HALL, MICHAEL ADAM 2,962,391
HALLIBURTON ENERGY SERVICES, INC. 2,962,196
HALLIBURTON ENERGY SERVICES, INC. 2,962,260
HALLIBURTON ENERGY SERVICES, INC. 2,962,364
HALLIBURTON ENERGY SERVICES, INC. 2,962,366
HALLIBURTON ENERGY SERVICES, INC. 2,962,393
HALLIBURTON ENERGY SERVICES, INC. 2,962,727
HALLIBURTON ENERGY SERVICES, INC. 2,962,761
HALTON, PHILIPPA 2,962,516
HAMMERQUIST, PETER 2,959,751
HAN, SUH JOON 2,962,582
HAN, ZHONG 2,962,660
HANISCH, LYDIA JASMIN 2,955,685
HANKE, CHRISTIAN 2,959,706
HANSEN, JAN ERIK VEST 2,962,497
HANSON, BRIAN K. 2,962,267
HANTHORN, JASON J. 2,959,142
HARA, TERUYUKI 2,962,248
HARAMEIN, NASSIM 2,962,686
HARBRO LIMITED 2,957,816
HARDY, CRAIG 2,957,485
HARDY, LYLE 2,959,995
HAREL, MORDECHAI 2,957,368
HARLEY, BRYAN PATRICK 2,957,816
HARRIS, JEREMY J. 2,958,155
HATA, YOSUKE 2,962,762
HATAE, SHINJI 2,962,726
HATANAKA, YUKO 2,962,750
HAUGBERG, ROSS 2,962,763
HAURUS, NICHOLAS 2,962,244
HAUSER, THOMAS 2,958,974
HAWES, CHRISTOPHER MARTIN 2,953,378
HAWKINS, SIAVASH JAMES JOORABCHIAN 2,962,576
HAWTHORNE, LOUIS 2,962,251
HAWTOF, DANIEL WARREN 2,959,021
HAYASHI, SHIGEYA 2,962,744
HAYES, MARK E. 2,962,709
HAYNES, BARTON F. 2,962,937
HAYNES, BARTON F. 2,962,938
HAYS, PAUL J. 2,962,252
HAZAN, DROR 2,962,713
HAZANI, MIRON 2,962,906
HAZEN, STANLEY L. 2,962,424
HEALTH RESEARCH, INC. 2,962,240
HEBERT, MARK 2,962,247
HEIKENFELD, JASON C. 2,962,340
HEISKANEN, ISTO 2,962,712
HELLER, DANIEL A. 2,962,234
HELSINN HEALTHCARE SA 2,959,110
HENDRICKSON USA, L.L.C. 2,962,517
HENDRIX, JUSTIN 2,956,491
HENKEL IP & HOLDING GMBH 2,962,961
HENNINGSEN, BROOKS 2,957,699
HENNINGSEN, BROOKS 2,957,707
HERAEUS DEUTSCHLAND GMBH & CO. KG 2,958,788
HERAEUS PRECIOUS METALS NORTH AMERICA LLC. 2,958,788
HERBAUX, MATHIAS 2,962,636
HERMINE, OLIVIER 2,952,898
HERMISTON, TERRY 2,962,896
HEROGUEZ, VALERIE 2,953,870
HEXTALL, PATRICK JOHN 2,956,737

HGXE HOLDINGS, LLC 2,962,342
HIESTER, THOMAS R. 2,958,855
HIESTER, THOMAS R. 2,958,857
HIETBRINK, ROELANT BOUDEWIJN 2,953,860
HIGI SH LLC 2,962,810
HILL, COLIN K. 2,962,810
HILTI AKTIENGESELLSCHAFT 2,950,235
HINER, STEPHEN DAVID 2,958,325
HINKLE, JONATHAN MICHAEL 2,962,394
HIRAIWA, YUUSUKE 2,962,744
HIROHASHI, YOSHIHIKO 2,962,558
HIRSIGER, CHRISTOPH 2,953,632
HITACHI METALS, LTD. 2,962,384
HITACHI METALS, LTD. 2,962,386
HITACHI METALS, LTD. 2,962,651
HOBRATH, GARY 2,958,889
HODEL, BENJAMIN 2,961,203
HOERNER, HELMUT 2,959,706
HOFFMANN, PATRICK 2,953,530
HOGGARTH, ANDREW 2,957,485
HOLDEN, KRISTIN KATHERINE 2,962,727
HOLM, MARTIN SPANGSBERG 2,951,779
HOLM, MARTIN SPANGSBERG 2,952,535
HOM, LOUIS 2,958,858
HONEYWELL LIMITED 2,962,797
HONG GUAN LTD. 2,962,306
HONG, SEUNG-PYO 2,957,684
HONGXUE, WANG 2,962,266
HOPKINS, ANDREW, R. 2,962,602
HOPKINS, SCOTT J. 2,952,955
HORI, RYOKO 2,962,762
HORIBE, RYOTA 2,962,558
HORINEK, DAVID 2,962,342
HORLING, FRANZISKA 2,958,056
HORNDL, MANFRED 2,962,129
HORTICULTURE AUSTRALIA LIMITED 2,956,963
HOSOMI, KAZUAKI 2,962,720
HOSSE, RALF 2,955,685
HOTTA, NOBUYUKI 2,962,229
HOTTOVY, JOHN D. 2,953,491
HOU, BINBIN 2,960,060
HOUSSAYE, LAURENT 2,959,939
HOVDEN, ARNT OVE 2,951,616
HRABER, PETER T. 2,962,937
HRABER, PETER T. 2,962,938
HRICISAK, KAROL 2,962,607
HU, CHANGWEI 2,962,701
HU, HECHEN 2,962,701
HU, MENGXU 2,917,665
HUANG, WEI 2,962,474
HUANG, XIAOLE 2,962,480
HUAWEI TECHNOLOGIES CO., LTD. 2,962,300
HUBBELL INCORPORATED 2,962,421
HUBERT, YOHAN 2,961,734
HUGHES NETWORK SYSTEMS, LLC 2,962,561
HUI, CHEN 2,962,266
HULSKOTTER, FRANK 2,959,071
HUNTER, ROGER 2,962,525
HUNTER, TREVOR 2,962,237
HUSQVARNA AB 2,962,208
HUSSAIN, ARSIL NAYYAR 2,962,502
HUTTER, KLAAS JAN 2,952,900
HYDE TOOLS, INC. 2,962,645
IACOVIELLO, BRIAN M. 2,962,231
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,962,231
IDENTIFLIGHT, LLC 2,958,852
IDENTIFLIGHT, LLC 2,958,855
IDENTIFLIGHT, LLC 2,958,857
IGARASHI, JUNICHI 2,962,376
IGUS GMBH 2,956,720
IHC HOLLAND IE B.V. 2,959,301
IHI CORPORATION 2,962,733
IHI CORPORATION 2,962,912
ILC DOVER LP 2,962,394
ILLUMINA CAMBRIDGE LIMITED 2,957,382
INADA, TAKAOMI 2,962,733
INEOS BIO SA 2,954,909
INFLECTIS BIOSCIENCE 2,951,186
INGENICO GROUP 2,960,914
INGENICO GROUP 2,961,274
INGOLDSBY, CHARLES JAMES 2,952,900
INNOVATIVE BUILDING TECHNOLOGIES, LLC 2,962,552
INNOVENT BIOLOGICS, INC. 2,962,480
INOVIO PHARMACEUTICALS, INC. 2,962,799
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,952,898
INSPIREMD, LTD. 2,962,713
INSTITUT POLYTECHNIQUE DE BORDEAUX 2,953,870
INTERNATIONAL PAPER COMPANY 2,954,062
INUI, MASAHARU 2,962,795
IORGA, BOGDAN 2,952,913
ISENBERG, BRETT 2,956,689
ISLAM, AKM RAKIBUL 2,962,200
ISOGAI, EIJI 2,962,236
IZUMI, MASANORI 2,962,795
JABLONKA, MARK T. 2,959,160
JABLONS, DAVID 2,962,782
JACKSON, JONATHAN P. 2,962,491
JACKSON, THOMAS 2,962,561
JACQUET, REMY 2,958,958
JADHAV, VASANT 2,958,758
JAEKER, THILO-ALEXANDER 2,956,720
JALILI, REZA B. 2,962,655
JAN, CHRISTELLE 2,951,972
JAN, JIING-JYH 2,962,329
JARRETT, MARTIN 2,959,216
JASKULA, NATALIA 2,962,776
JEAY, SEBASTIEN 2,953,079
JENSEN, CHRISTOPHER MARK 2,962,200
JFE STEEL CORPORATION 2,962,370
JI, SHAOWEN 2,958,858
JIA, YUZE 2,962,660
JIANG, JIANG 2,962,927
JIANG, TAO 2,962,701
JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD 2,962,701
JIN, JIAOTONG 2,960,060
JOBLING, JOHN EDWARD 2,958,791
JOGIKALMATH, GANGADHAR 2,962,950
JOHN ZINK COMPANY, LLC 2,959,127
JOHN ZINK COMPANY, LLC 2,959,134
JOHNSON, DAVID W. 2,962,242
JOHNSON, LESLIE S. 2,962,603
JOHNSTON MONJE, DAVID 2,962,097
JOLLEZ, PAUL 2,962,672
JONCKERS, ARJAN ALLERT 2,951,788
JONTELL, MATS 2,957,847
JOSHI, CHARUTA 2,952,994
JOSHI, RAJESH 2,962,561
JU, LU-KWANG 2,962,442
JUHL, HENRIK VILSTRUP 2,962,708
JUNG, DONG SIK 2,962,914
JUNG-IMHOF, SABINE 2,955,685
JURCEVIC, DINKO 2,954,072
JUSTICE, GRANT G. 2,962,396
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,962,195
KADWA, NEVILLE 2,962,244
KAHN, JOHANNA 2,953,124
KAHN, JOHANNA 2,953,127
KAJIWARA, RINTAROU 2,962,733
KALORE, PANKAJ V. 2,962,423
KAMAE, TOSHIYA 2,962,735
KAMBALLAPALLY, SWETHA 2,957,368
KANAVATI, NICHOLAS J. 2,962,939
KANE, DAVID M. 2,962,567
KANYGIN, DENNIS 2,959,865
KANYGIN, DENNIS 2,959,866
KANZAKI, MANABU 2,962,286
KAPOOR, MANIK 2,962,462
KAPUR, MRIDULA 2,959,160
KASABO, MIKI 2,962,745
KASHKIN, VLADIMIR ALEKSANDROVICH 2,958,795
KATO AKIHIRO 2,962,180
KATOU, KENJI 2,962,381
KAWANO, CHIHARU 2,962,762
KAWAUCHI, YASUYUKI 2,962,382
KDS HOLDING GMBH 2,954,072
KEAR, BERNARD 2,956,491
KEHRES, CLINTON E. 2,951,949
KELISEC AB 2,962,207
KESHTMAND, MAJID 2,957,368
KESKAR, VANDANA 2,954,096
KESKIN, MUSTAFA 2,962,559
KHALIFA, HUSSEIN EZZAT 2,962,291
KHAN, MOHSIN 2,962,462
KHORIAKOV, VITALY 2,962,681

KHOURY, ISSA Y. 2,961,215
KHOURY, ISSA Y. 2,961,216
KILANI, RUHANGIZ T. 2,962,655
KIM, HAE-SUN 2,962,917
KIM, IL-JIN 2,962,782
KIM, JUN GYU 2,962,917
KIM, JUNG-HO 2,962,914
KIM, KI SOO 2,962,653
KIM, MYEONG-SEOP 2,962,917
KIM, SANG-HWAN 2,958,793
KIM, SANGKYUM 2,961,203
KIM, SE-WON 2,962,914
KIM, YONG H. 2,962,438
KINDER, LEE M. 2,962,700
KING, GRAEME NEVILLE 2,958,611
KING, ROBERT S. 2,962,451
KINOMURA, SHOJI 2,962,286
KINOSE, YUTAKA 2,962,911
KIRIN-AMGEN, INC. 2,962,910
KIRKHOPE, KENNEDY JOHN 2,962,366
KITAMURA, KAZUYUKI 2,962,286
KITAZAWA, DAISUKE 2,962,379
KLAPPACH, KRISTIN 2,956,880
KLEIN, CHRISTIAN 2,955,685
KLEIN, OPHIR 2,952,315
KLEINER, MATTHIAS 2,962,325
KLEMARCZYK, PHILIP T. 2,962,961
KLIBANOV, ALEXANDER M. 2,962,768
KLINKE, JOCHEN 2,962,404
KLOCK, WIM 2,959,212
KLOSTERMANN, STEFAN 2,955,685
KLUG, MICHAEL ANTHONY 2,962,899
KLUGE, STEFAN 2,961,101
KLUGE, STEFAN 2,961,113
KLUMPP, KLAUS G. 2,962,770
KLUWE, WOLF PETER 2,962,559
KMIEC, CHESTER J. 2,959,144
KNACKMUSS, STEFAN 2,957,462
KNUDSEN, CARSTEN BOYE 2,959,110
KO, CHANG KWON 2,962,653
KOBAYASHI, KENJI 2,962,210
KOBAYASHI, KENJI 2,962,216
KOBAYASHI, YUJI 2,962,222
KODAMA, HITOSHI 2,962,384
KODAMA, HITOSHI 2,962,386
KODAMA, SHINJI 2,962,380
KOEHN, JADRANKA 2,958,056
KOENIG, SCOTT 2,962,603
KOH, JONG SUNG 2,962,914
KOIKE, NAOKI 2,962,284
KOJIMA, NOBUSATO 2,962,236
KOLLEP, ALEXANDRE 2,958,958
KOLSTEE, TODD 2,962,588
KOLTER, ZICO 2,962,226
KONDO, TOYOSHI 2,962,908
KONINKLIJKE PHILIPS N.V. 2,953,860
KONINKLIJKE PHILIPS N.V. 2,960,457
KORBER, BETTE T. 2,962,937
KORBER, BETTE T. 2,962,938
KOTAK, PARAG 2,951,788
KOTIRANTA, TUUKKA 2,959,113
KOTSBAK, JARLE 2,957,326
KOURTAKIS, KOSTANTINOS 2,958,793
KOWA COMPANY, LTD. 2,962,624
KOWA COMPANY, LTD. 2,962,628
KOZASU, KENTA 2,962,911
KREFF, ENRIQUE DOMINGO 2,954,426
KRIETER, OLIVER 2,962,124
KRISHNAN, LAKSHMI 2,962,696
KRISHNAN, NAVASONA 2,962,406
KRISHNAN, NIKHIL 2,962,226
KRONES, PETER J. 2,962,567
KRUFKA, STEPHEN 2,962,594
KUCHIMANCHI, SATYA 2,958,758
KUDO, MASAKAZU 2,962,723
KUFELD, SCOTT E. 2,953,491
KUFER, PETER 2,953,530
KUMAR, RAVINDRA 2,962,197
KUNDU, DIPAN 2,962,296
KUO, LAWRENCE L. 2,962,776
KUPPER, MARTIN 2,962,505
KURAPATI, KAUSHAL 2,961,017
KURARAY CO., LTD. 2,962,726
KURTZ, ISAAC (DECEASED) 2,962,102
KUTSUZAWA, SHINTARO 2,962,723
KWOK, DANIEL Y. 2,962,468
KYOTO UNIVERSITY 2,962,551
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,954,447
LABRECQUE, GABRIEL 2,962,522
LACASSE-JOBIN, PIERRE 2,962,247
LACY, GRAHAM KEITH 2,959,099
LADD, TIMOTHY, JR. 2,958,889
LAFOLLETTE, RANDAL F. 2,958,302
LAFRENIERE, PASCAL 2,962,801
LAGANA, ELVIRA HEMANDEZ 2,962,199
LAKELAND VENTURES DEVELOPMENT, LLC 2,962,581
LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC 2,957,699
LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC 2,957,707
LAM, CHIA-YING KAO 2,962,603
LAM, STEVEN 2,962,620
LAMBERT, MATT 2,962,208
LAMPING, JEFF 2,959,156
LAND, MARK, S. 2,962,602
LANDMARK GRAPHICS CORPORATION 2,962,681
LANDMARK GRAPHICS CORPORATION 2,962,894
LANES, OLAV 2,956,853
LANGE CHRISTIAN SA 2,958,940
LANGE, CHRISTIAN 2,958,940
LANGE, GUSTAV EDWARD 2,962,366
LANGER, ROBERT S. 2,962,768
LANGOUCHE, JEAN-BENOIT 2,958,940
LAPP, PATRICK 2,958,974
LARISH, SCOTT 2,962,396
LARSEN, ATLE NORALF 2,956,853
LARSON, ALYSSA M. 2,962,768
LARSSON, BJORN 2,959,211
LASTRA, RAFAEL 2,959,182
LAWIT, SHAI J. 2,962,199
LAZAR, MIHAI-BOGDAN 2,962,213
LEAL, DANIEL RODRIGUEZ 2,962,199
LECHIEN, JEFF 2,962,282
LEE, ALBERT C. 2,962,244
LEE, DALSU 2,962,803
LEE, IN YONG 2,962,914
LEE, JAEKYOO 2,962,914
LEE, JAESANG 2,962,914
LEE, JONATHAN ARNOLD 2,962,270
LEE, JOSEPH MIN-HSIUN 2,956,928
LEE, PAUL 2,961,203
LEE, SANG J. 2,962,635
LEEMANS, ERIKA 2,962,431
LEFT OF THE DOT MEDIA INC. 2,962,200
LEGER, OLIVIER 2,956,986
LEI, DEQING 2,959,052
LEMKE, DAVID LEE 2,962,940
LEON, NIDIA SANCHEZ 2,962,199
LEVIN, ALAN 2,959,865
LEVIN, ALAN 2,959,866
LEVINSON, MITCHELL ELLIOTT 2,962,920
LEW, CHRISTOPHER MICHAEL 2,949,762
LI, BIN 2,958,909
LI, DANPING 2,952,955
LI, DONGLIANG 2,962,558
LI, JUNFENG 2,962,480
LI, LING 2,962,473
LI, PEI JIN 2,962,804
LI, XIAO 2,960,060
LI, XIAOAN 2,962,468
LI, YAN 2,962,660
LI, YUNYUAN 2,962,655
LIANG, LIEZHI 2,962,895
LIANIDOU, EVRYKLEIA 2,957,396
LIAO, HUA-XIN 2,962,937
LIAO, HUA-XIN 2,962,938
LIEGEOIS, LUC 2,957,350
LIFECELL CORPORATION 2,956,077
LIITOLA, AIRA 2,961,867
LILA, MARY ANN 2,962,791
LILLIESTRALE, RICHARD 2,954,353
LILLY, JAMES D. 2,959,871
LILLY, JAMES D. 2,960,013
LILLY, JAMES D. 2,960,015
LIMBACH, HANS JORG WERNER 2,953,107
LIMITONE, ANTONIO 2,953,036
LIN, JIANFENG 2,961,254
LINDAMOOD, JACK 2,962,760
LINDE AKTIENGESELLSCHAFT 2,958,172
LINDSTROM, OVE 2,951,592
LINDSTROM, OVE 2,951,596
LING, CHANG-CHUN 2,962,297
LINKLATER, JAMES 2,962,416
LISK, MIKE 2,959,339
LITTLE, JACK R., JR. 2,962,411
LITTLE, MELVYN 2,957,462

LITWINSKI, ADAM MICHAEL 2,962,571
LIU, DAVID 2,962,642
LIU, JUN 2,958,909
LIU, JUN J. 2,958,793
LIU, KANG 2,962,306
LIU, LIQIN 2,962,603
LIU, PHILLIP 2,962,760
LIU, SONG 2,954,909
LIU, XIAOHAI 2,957,382
LIU, XINTONG 2,962,701
LIZOTTE, GERRY 2,962,453
LIZOTTE, GERRY 2,962,469
LO, KIN-MING 2,956,126
LOBBESTAEL, AARON ALFRED 2,962,939
LOGHIN, EVELINA ROXANA 2,954,096
LOGINOV, EVGENY 2,954,983
LOKOT, IGOR 2,958,820
LONDERVILLE, STEPHEN 2,959,127
LONGCOR, JARROD 2,952,955
LONZA LTD 2,953,019
LONZA, INC. 2,959,052
LORENTZEN, MARIT SJO 2,956,853
LOS ALAMOS NATIONAL SECURITY, LLC 2,962,937
LOS ALAMOS NATIONAL SECURITY, LLC 2,962,938
LOSL, JOHANN 2,960,062
LOST BIRD PROJECT, INC. 2,962,278
LOUGHNANE, BRIAN JOSEPH 2,959,071
LOURENCO, JOSE 2,956,439
LOVE, KEVIN 2,962,768
LOVEJOY, MARIAH SHANNON 2,962,404
LU, ALBERT 2,955,483
LU, XIANFENG 2,917,665
LU, XINHUA 2,962,474
LUAN, CHUN 2,962,660
LUC THERAPEUTICS, INC. 2,962,569
LUDOLPH, BJOERN 2,959,071
LUNDEMOSE, ANKER 2,951,616
LUNDGREN, JAN 2,959,211
LUNDIN, CHRISTOPHER BRIAN 2,957,251
LUNNON, MARTIN 2,951,972
LUTTERBUESE, RALF 2,953,530
LYNCH, JENNIFER 2,956,491
LYNCH, SAMUEL 2,962,954
LYONS, ARTHUR P. 2,962,409
LYONS, ERIC 2,962,097
LYOTIER, JOHN GARY 2,962,200
LYSEN, HEINRICH 2,960,062
LYTHCOTT-HAIMS, DAN 2,959,865
LYTHCOTT-HAIMS, DAN 2,959,866
M-I DRILLING FLUIDS UK LTD. 2,962,416
MAAS, STEFFEN 2,959,071
MACE, CATHERINE 2,953,030
MACHE, ERIK 2,956,300
MACK, DAVID R. 2,962,802
MACKMAN, RICHARD L. 2,958,546
MACROGENICS, INC. 2,962,603
MAERKI, IWAN 2,953,755
MAGIC LEAP, INC. 2,962,899
MAGNAUDEIX, DOMINIQUE 2,958,784
MAIER, MARTIN 2,958,758
MAJERCAK, DAVID C. 2,962,046
MAJERCAK, DAVID C. 2,962,061
MAJETY, MEHER 2,962,124
MAK, SIU WAI JACKY 2,962,652
MAKAROV, VALERY GENNADYEVICH 2,958,795
MAKAROVA, MARINA NIKOLAEVNA 2,958,795
MALLINSON, JAYANANDA 2,962,678
MAMINISHKIS, ARVYDAS 2,954,762
MANABE AKIYOSHI 2,962,180
MANDEVILLE, KENNETH 2,962,208
MANOHARAN, MUTHIAH 2,958,758
MANTHA, RAMESH 2,962,237
MANWARING, DEREK STEVEN 2,962,631
MAO, YING 2,954,096
MARBAN, EDUARDO 2,962,444
MAREL A/S 2,957,976
MARKO, PAUL 2,962,187
MARKOU, ATHINA 2,957,396
MAROCCHI, JAMES A. 2,962,294
MARTEL, FREDERICK 2,962,801
MARTIN, DUSTIN WAYNE 2,962,607
MARTINEZ, GLORIA LEON 2,962,199
MARUP OSMUNDSEN, CHRISTIAN 2,951,779
MARUYAMA, MASASHI 2,962,637
MARZANI, BARBARA 2,953,036
MASAKI, YASUHIRO 2,962,286
MASCOLO, ANTONIO 2,953,036
MASTERCARD INTERNATIONAL INCORPORATED 2,961,017
MASUDA, TOMOHIDE 2,962,730
MATHEWS, WILLIAM J., JR. 2,962,087
MATSUDO, HIROKI 2,962,910
MATSUI, AKINORI 2,962,222
MATSUKI, SHIGEKI 2,962,378
MATSUKI, YASUHIRO 2,962,370
MATSUMOTO, ASAMI 2,962,378
MATTHEAKIS, LARRY C. 2,962,642
MATTHIES, JURGEN 2,962,559
MATUBAYASI, NOBUYUKI 2,962,730
MAUNDRELL, KINSEY 2,956,986
MAYER, LAURENT 2,961,274
MCALEESE-ESER, FIONNUALA 2,957,462
MCCARTHY, MATTHEW 2,962,190
MCDOUGALL, PAUL 2,962,237
MCDOWELL, JAMES KERWIN 2,959,001
MCEWAN, CALUM 2,959,096
MCKNIGHT, DOUGLAS J. 2,959,734
MCLEAN, KIRK 2,962,896
MCMULLAN, PATRICK M. 2,962,805
MEACHAM, BRIAN E. 2,962,396
MEAD, ALICE 2,952,858
MEAD, ALICE 2,952,994
MEDICAL & BIOLOGICAL LABORATORIES CO., LTD. 2,962,558
MEDIPATH, INC. 2,962,192
MEDTRADE PRODUCTS LIMITED 2,957,485
MEDTRONIC XOMED, INC. 2,959,724
MEHTA, GAURANG PANKAJ 2,962,595
MEIROW, DROR 2,962,718
MELINTA THERAPEUTICS, INC. 2,952,955
MELIOR INNOVATIONS, INC. 2,962,602
MELLER, NIMROD 2,962,713
MENNITI, FRANK S. 2,962,569
MERCK PATENT GMBH 2,956,126
MERCK PATENT GMBH 2,956,986
MERICAS, CHRIS JAMES 2,962,196
MERKEL, TIMOTHY J. 2,958,577
MESCHER, MARK 2,956,689
METALDYNE, LLC 2,962,282
MICHALSKI, RICHARD 2,962,187
MICRO MOTION, INC. 2,962,252
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,838
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,751
MICROSOFT TECHNOLOGY LICENSING, LLC 2,961,206
MICROSOFT TECHNOLOGY LICENSING, LLC 2,961,215
MICROSOFT TECHNOLOGY LICENSING, LLC 2,961,216
MICROSOFT TECHNOLOGY LICENSING, LLC 2,961,254
MIDEA GROUP CO., LTD. 2,962,660
MIDWOOD, KIM SUZANNE 2,956,737
MIKAMI, HIROKI 2,962,377
MIKAZUKI, YUTAKA 2,962,236
MIKKELSEN, MICHAEL DALGAARD 2,957,331
MIKKOLA, PETTERI 2,961,215
MIKKOLA, PETTERI 2,961,216
MILLAR, MACKENZIE 2,956,439
MILLER, PHILIP GLEN 2,962,965
MILLER, ROSALIND B. 2,956,963
MILLER, SCOTT 2,962,412
MILLIFF, BRIAN 2,958,889
MILONE, MICHAEL C. 2,958,200
MILSTEIN, STUART 2,958,758
MINAMI, KOICHI 2,962,241
MINNICHSOFFER, WAYNE L. 2,959,042
MIRKIN, CHAD A. 2,958,431
MIRKIN, CHAD A. 2,958,577
MITCHELL, IAN DAVID CAMPBELL 2,962,393
MITSUBISHI ELECTRIC CORPORATION 2,962,248
MITSUBISHI HITACHI TOOL ENGINEERING, LTD. 2,962,198
MITSUSHIMA SHIGENORI 2,962,180
MIYABE, SHINSUKE 2,962,911
MIYAHARA, OSAMU 2,962,286
MIYAMURA, TAKAKO 2,962,745
MIYAZAKI, SHOJIRO 2,962,795
MJN U.S. HOLDINGS LLC 2,953,124
MJN U.S. HOLDINGS LLC 2,953,127
MOBASHERY, SHAHRIAR 2,962,431
MODZIK, ANDY 2,962,208

MOESSNER, EKKEHARD 2,955,685
MOFARDIN, EDDY 2,962,285
MOFFITT, JR ROY MALCOLM 2,962,232
MOHAMOUD, AHMED MOHAMED 2,962,775
MOK, MICHAEL ANDREW 2,962,706
MOLDOVAN, MATTHEW A. 2,962,404
MOLHOJ, MICHAEL 2,955,685
MOLLER-HANSEN, IBEN 2,957,331
MOLLUS, SABINE 2,960,457
MOMOZONO, YUMI 2,962,286
MOORE, PAUL A. 2,962,603
MORAN, KERI KRUSE 2,961,215
MORAN, KERI KRUSE 2,961,216
MORESINO, CECILIA 2,959,110
MORI, YOICHIRO 2,962,729
MORI, YUUJI 2,962,912
MORIKAWA, TETSUYA 2,962,229
MORIN, TREVOR J. 2,962,234
MORITA, TORU 2,962,913
MORRISON-ROWE, SARA 2,957,368
MORROW, MATTHEW P. 2,962,799
MORTENSEN, BIRGIT 2,957,976
MOSER, SAMUEL 2,955,685
MOTOROLA SOLUTIONS, INC. 2,962,294
MOUTOS, FRANKLIN THOMAS 2,962,223
MOZER, LAURENT 2,959,711
MTANGI, WILBERT 2,962,758
MTD PRODUCTS INC 2,958,889
MUELLER, MARTINA 2,957,850
MUELLER-SCHLOMKA, GORDON 2,962,559
MUKHERJI, ARIJIT 2,962,760
MULLER, EDGAR 2,954,983
MUNDIAL S/A PRODUTOS DE CONSUMO 2,959,206
MUNDIPHARMA INTERNATIONAL CORPORATION LIMITED 2,962,206
MUNISWAMY-REDDY, KIRAN-KUMAR 2,960,988
MUNOZ, BENITO 2,952,862
MUNSHI, AMIT DILIP 2,962,400
MUNTS, EDWIN ALBERT 2,959,301
MURR, RAMONA 2,955,685
MURRAY, CHRIS 2,959,706
MUTCHLER, JOEL A. 2,953,491
MUTO, MANABU 2,962,551
MYRIAD GENETICS, INC. 2,958,801
N & U AS 2,962,402
NAAMAN, RON 2,962,758
NACCACHE, DAVID 2,960,914
NACCACHE, DAVID 2,961,274
NAHRWOLD, ELISABETH 2,953,530
NAKAGAWA, HIDEMI 2,962,910
NAKAKO, TAKEFUMI 2,962,720
NAKAMURA, TOMOKI 2,962,750
NAKANO, KAZUE 2,962,558
NAKATANI, TOMOMI 2,962,630
NAMBO, MITSUTAKA 2,962,729
NANAC, BRANISLAV 2,962,801
NANO, OLIVIER 2,955,838
NANOSTRING TECHNOLOGIES, INC. 2,957,538
NARDIN, EMMANUEL 2,953,729
NASCIENT LIMITED 2,956,737
NATIONAL CANCER CENTER 2,962,551
NATIONAL HEALTH RESEARCH INSTITUTES 2,962,329
NATIONAL RESEARCH COUNCIL OF CANADA 2,962,696
NATIONAL TAIWAN UNIVERSITY 2,962,415
NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY 2,962,180
NATIONAL UNIVERSITY OF SINGAPORE 2,962,757
NAYLOR, DANIEL J. 2,962,294
NAYYAR, RAKESH KUMAR 2,962,861
NAZAR, LINDA F. 2,962,296
NEENAH PAPER, INC. 2,954,408
NESTEC S.A. 2,953,018
NESTEC S.A. 2,953,030
NESTEC S.A. 2,953,107
NESTEC S.A. 2,953,688
NESTEC S.A. 2,958,958
NESTEC SA 2,955,464
NEW YORK INSTITUTE OF TECHNOLOGY 2,962,403
NEWMAN, CALEB R. 2,962,737
NEWPARK MATS & INTEGRATED SERVICES LLC 2,959,001
NGK SPARK PLUG CO., LTD. 2,962,229
NGUYEN, DENNIS P. 2,962,586
NGUYEN, MINH DANG 2,962,761
NGUYEN, THOAI 2,959,724
NICHOLSON, CHARLES BRENDAN 2,958,155
NIE, ZIMIN 2,958,909
NINGBO XIANFENG NEW MATERIAL CO., LTD. 2,917,665
NIPPON CHEMICAL INDUSTRIAL CO., LTD. 2,962,911
NIPPON PAINT INDUSTRIAL COATINGS CO., LTD. 2,962,729
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,962,210
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,962,216
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,962,236
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,962,286
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,962,380
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,962,729
NISBY, JOHN JOSEPH 2,953,391
NISHIDA, HIDETAKA 2,962,544
NISHIKI YOSHINORI 2,962,180
NISSHIN STEEL CO., LTD. 2,962,720
NITE IZE, INC. 2,962,564
NOBLE, CHARLES O. 2,962,709
NOGRA PHARMA LIMITED 2,952,897
NOGUCHI, EIJI 2,962,911
NOGUCHI, YASUMOTO 2,962,233
NOLAN, MIKE 2,962,435
NONIN MEDICAL, INC. 2,962,939
NONIN MEDICAL, INC. 2,962,940
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,958,611
NORDSTROM, JAN-ERIK 2,962,711
NORTH CAROLINA STATE UNIVERSITY 2,962,791
NORTH CHINA PHARMACEUTICAL NEW DRUG R&D CO., LTD. 2,962,474
NORTHWESTERN UNIVERSITY 2,958,431
NORTHWESTERN UNIVERSITY 2,958,577
NOSKER, THOMAS 2,956,491
NOVARTIS AG 2,953,079
NOVARTIS AG 2,958,200
NOVARTIS AG 2,962,895
NOVIK, LEV 2,955,838
NTERCEPT, LLC 2,962,251
NUHN INDUSTRIES LTD. 2,962,461
NUHN, IAN 2,962,461
NUVERA FUEL CELLS, LLC 2,959,133
NYAMBURA, BILDAD 2,959,101
O'BRIEN, JASON TREVOR 2,952,900
OAG, JAMIE 2,961,996
OAMI, SHOKO 2,962,380
OCALAN, MURAT 2,962,754
ODA, HIROSHI 2,962,628
OEDMAN, PETER 2,962,325
OGAWA, KENJI 2,962,720
OGAWA, MASAHIRO 2,962,380
OHLSSON, HENRIK 2,962,226
OKAMOTO, KAZUYA 2,962,186
OKAMOTO, RIKI 2,962,236
OKVIST, MATS 2,951,616
OLIVER, ANDREW G. 2,958,852
OLIVER, ANDREW G. 2,958,855
OLIVER, DANA A. 2,959,724
OMEGA LIFE SCIENCE LTD. 2,962,906
OMYA INTERNATIONAL AG 2,953,632
OOI, NOBUYUKI 2,962,744
OPATZ, TILL 2,956,880
OPTIMEDICA CORPORATION 2,962,427
ORMARC ENGINEERING PTY LTD 2,945,664
ORMSBEE, BOWDEN 2,962,564
ORUPOLD, TAAVI 2,962,368
OSAKA UNIVERSITY 2,962,730
OTAKA, HIRONORI 2,962,558
OTSUKA PHARMACEUTICAL CO., LTD. 2,962,551
OUTOTEC (FINLAND) OY 2,959,113
OVIVO INC. 2,962,442
OXEIA BIOPHARMACEUTICALS, INC. 2,962,400
OZERAY, HERVE 2,958,773
OZERAY, HERVE 2,958,775

PAC, SUSAN GERBERG 2,953,688
PACKARD, WARREN 2,959,865
PACKARD, WARREN 2,959,866
PAEHLER, TOBIAS 2,951,972
PAETZOLD, UWE 2,962,511
PALAMARA, MICHAEL 2,962,244
PALINI, ALESSIO 2,953,018
PAN, ZHENG 2,953,530
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 2,962,909
PANCHAGNULA, MADHUSUDHAN RAO 2,953,039
PANDYA, RYAN 2,958,858
PARADISE, ANDREW 2,961,355
PAREKH, SANJAY 2,962,638
PARK, ANDREW M. 2,962,426
PARK, DUHEON 2,962,656
PARK, TAESUN 2,962,917
PARKER, MOHAMED IQBAL 2,962,525
PARKER, NATHANIEL 2,962,218
PARKER-HANNIFIN CORPORATION 2,951,398
PARMAR, RUBINA 2,958,758
PARSONS, JEREMY B. 2,959,042
PASCAL, JEAN-PHILIPPE 2,958,950
PATAT, OLIVIER 2,958,950
PATEL, DINESH V. 2,962,642
PATEL, HEMANG F. 2,962,294
PATTERSON, MARK 2,958,071
PATTON, RUSKA 2,962,471
PAUBELLE, ETIENNE 2,952,898
PAYANDEHJOO, KASRA 2,962,471
PEDRO, MICHAEL J. 2,962,567
PEIRSMAN, DANIEL 2,962,488
PEKING UNIVERSITY 2,962,306
PELAEZ, ALEJANDRO ESTEBAN 2,959,166
PELISSIER, FRANCK 2,952,913
PELLAUD, JEROME 2,962,488
PELLAUD, JEROME 2,962,498
PELLERIN, JONATHAN 2,962,801
PELLETIER, SEBASTIEN 2,959,711
PENDLAY, RYAN CHANDLER 2,961,215
PENDLAY, RYAN CHANDLER 2,961,216
PENG, CHAOYI 2,960,060
PERFECT DAY, INC. 2,958,858
PERIORELLIS, PANAGIOTIS 2,955,838
PESEZ, JEAN 2,957,350
PETER, ALEXANDRA 2,962,218
PETERS, BRIAN 2,958,788
PETERS, JOCHEN 2,960,457
PETERSEN, STEEN KARLSKOV 2,957,976
PETITDEMANGE, ARNAUD 2,959,711
PEYERL, FREDDIE 2,962,600
PEYROT, FABIENNE 2,952,913
PHARMASSIST LTD 2,957,396
PIBAROT, PATRICK 2,955,464
PICHAVANT, FREDERIQUE 2,953,870
PIGAMO, ANNE 2,951,023
PIGHIN, DEAN JAMES 2,951,398
PIMENTEL, MARK 2,962,493
PINARD, EMMANUEL 2,952,895
PINKERTON, ANTHONY 2,962,795
PINTAURO, PETER N. 2,962,426
PINZONE, JOSEPH F. 2,959,871
PINZONE, JOSEPH F. 2,960,013
PINZONE, JOSEPH F. 2,960,022
PIONEER HI-BRED INTERNATIONAL, INC. 2,954,426
PIONEER HI-BRED INTERNATIONAL, INC. 2,955,483
PIONEER HI-BRED INTERNATIONAL, INC. 2,955,828
PIONEER HI-BRED INTERNATIONAL, INC. 2,962,199
PIOTROWSKI, YVONNE 2,956,853
PLANT HEALTH CARE, INC. 2,962,951
PLEVNIK, MARKO 2,959,099
PLEWS, DENNIS J. 2,962,596
PLUMMER, CHRISTOPHER 2,957,752
POHL, THOMAS 2,957,850
POIRIER, LOUIS 2,962,226
POL, PARIKSHIT S. 2,960,988
POLEGATO MORETTI, MARIO 2,954,806
POLLARD, HARVEY B. 2,962,593
POON, PATRICK JEE-AN 2,961,254
POPP, OLIVER 2,953,450
POVER, SCOTT 2,945,664
POWER, CHRISTINE 2,956,986
PPC BROADBAND, INC. 2,962,267
PRATER, CURTIS S. 2,959,149
PRENCIPE, MICHAEL 2,952,916
PROCHASKA, JAN 2,962,511
PROST, LAURENT 2,954,447
PROTAGONIST THERAPEUTICS, INC. 2,962,642
PROTEOSTASIS THERAPEUTICS, INC. 2,952,862
PRUFTECHNIK DIETER BUSCH AG 2,960,062
PUCOVSKI, CLAIRE 2,962,285
PUENTENER, KURT 2,954,228
PUJARI, SASWATI 2,959,144
PULLEGA, FRANCESCO 2,953,632
PURKIS, DANIEL GEORGE 2,958,991
QUALYST TRANSPORTER SOLUTIONS, LLC 2,962,491
QUEANT, DIDIER 2,958,784
QUEENSLAND UNIVERSITY OF TECHNOLOGY 2,962,188
QUENTIN, PIERRE 2,960,914
QUINN, TERRENCE H. 2,962,574
QUIRIJNEN, XANDO HENRICUS PETRUS 2,962,389
QUIRK, MATTHEW 2,962,244
RABAIOLI, MARIA ROBERTA 2,956,954
RADO, GORDON, E. 2,962,773
RAHEEM, MOHAMMED ABDUL 2,962,664
RAHMAN, MOHAMMED KALEEMUR 2,961,215
RAHMAN, MOHAMMED KALEEMUR 2,961,216
RAI, KRITHI 2,962,595
RAIZADA, MANISH N. 2,962,097
RAJE, VIVEK 2,954,597
RAJEEV, KALLANTHOTTATHIL 2,958,758
RAKUTEN, INC. 2,962,237
RALSTON, TYLER S. 2,962,784
RALSTON, TYLER S. 2,962,785
RAMAN, RAJESH 2,962,760
RAO, GURUPRAKASH BANGALORE 2,962,595
RAPPOLT, JAMES J. 2,959,054
RASANEN, JARI 2,962,711
RATH, TIMOTHY ANDREW 2,960,988
RATNI, HASANE 2,952,895
RAUM, TOBIAS 2,953,530
RAUSCH, GREGORY J. 2,962,939
RAUSCH, GREGORY J. 2,962,940
RAWDEN, K. SUZANNE 2,962,950
RAYMOND, JEAN-MICHEL 2,952,753
RAYMOND, JEAN-MICHEL 2,952,754
RE, DANIEL 2,962,743
REALD INC. 2,959,734
REAVES, MICHAEL DWAYNE 2,962,359
REGULA, JOERG 2,955,685
REICH, JONATHAN M. 2,962,242
REICH, STEFAN 2,958,974
REID, JULIA 2,958,801
REIDY, KATHLEEN CHARITY 2,953,688
REILLY, THOMAS M. 2,962,567
RELIANCE INDUSTRIES LIMITED 2,954,597
REMINGTON DESIGNS, LLC 2,962,617
REMINGTON DESIGNS, LLC 2,962,688
RENARD, GREGORY 2,962,636
RENTSCH, SAMUEL 2,953,632
REQUE, SEAN PHILIP 2,962,631
REUSCH, UWE 2,957,462
REVELL, ELISE 2,962,207
REVOLUTIONARY MEDICAL DEVICES, INC. 2,962,567
REXSITT ITALIA S.R.L. 2,958,923
REY, ALLAN W. 2,962,664
REYNOLDS, JAMES 2,962,810
RHEIDIANT, INC. 2,962,754
RIBOSCIENCE LLC 2,962,770
RICHER, JEAN-MICHEL 2,961,969
RICHMAN, JESSICA 2,962,466
RIETH, NICOLE 2,957,850
RIFAI, SANDRA 2,962,950
RINDSBERG, MARK 2,962,187
RIONDEL, ALAIN 2,958,773
RIONDEL, ALAIN 2,958,775
RITSCHEL, NORBERT 2,958,788
RIZK, SAID 2,958,747
ROBERTS, EDWARD 2,962,922
ROBERTSON, AUSTIN 2,958,155
ROCK, MICHAEL HAROLD 2,951,794
ROELOFS, MARK GERRIT 2,958,793
ROGERS, HENRY EUGENE 2,962,196
ROHLICH, CHRISTOPH 2,958,788
ROHM AND HAAS COMPANY 2,962,473
ROLS, OLIVIER 2,959,711
ROMERO, PEDRO JUAN MENDEZ 2,962,782
RONCORONI, SIMONA 2,959,110

RONESS, HADASSA 2,962,718
ROOKIE ME IP PTY LTD 2,962,658
ROSANO, MARCO 2,962,658
ROSEN, HUGH 2,962,922
ROSENBAUER INTERNATIONAL AG 2,962,042
ROSILLO, CARLOS BARRAGAN 2,962,199
ROTH, BRIAN A. 2,959,182
ROTTER, MATTHEW 2,962,218
ROUSHEY, JEFFREY LEWIS 2,962,394
ROUSSEAU METAL INC. 2,962,453
ROUSSEAU METAL INC. 2,962,469
ROUSSEAU, ALAIN 2,953,055
ROUSSEAU-POPA, VALENTINA-MIHAELA 2,953,870
ROWE, MATHEW DENNIS 2,962,393
ROWLANDS, STEPHEN ALLAN 2,962,102
ROWLEY, KEITH R. 2,962,805
RUELLAN, VIANNEY 2,961,969
RUPPE, MICHAEL FRANCIS 2,953,688
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,956,491
RYU, IN MU 2,962,230
RYU, NAM SOK 2,962,230
SAAVEDRA, PATRICIO HUMBERTO 2,962,185
SADASIVAN VIJAYAKUMARI, SIVAKUMAR 2,951,788
SAFRAN AIRCRAFT ENGINES 2,958,784
SAFRAN AIRCRAFT ENGINES 2,959,879
SAFRAN HELICOPTER ENGINES 2,959,939
SAITO, TSUYOSHI 2,962,558
SAKAI, SHINJIROH 2,962,198
SAKAMOTO, TAKESHI 2,962,911
SAKODA, YUKIMI 2,962,375
SALEGI ETXEBESTE, INAKI 2,962,550
SALEGUI ECHEVESTE, JUAN JOSE 2,962,550
SALGAONKAR, PARESH DEVIDAS 2,962,914
SALTERS, BART ANDRE 2,953,860
SALVI, PRATHMESH PRADEEP 2,954,597
SAMAR, LAUREN 2,962,240
SAMS, GARY W 2,956,928
SANCHEZ, NEVADA J. 2,962,784
SANCHEZ, NEVADA J. 2,962,785
SANDGREN, GLENN 2,962,602
SANDJO, LOUIS PERGAUD 2,956,880
SANDMANN, CHRISTIAN 2,959,706
SANDVIK INTELLECTUAL PROPERTY AB 2,962,505
SANDVIK INTELLECTUAL PROPERTY AB 2,962,514
SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE 2,962,795
SANNIE, QUENTIN 2,953,729
SANOFI 2,951,972
SANTOS, IVO JOSE GARCIA DOS 2,955,838
SAPPORO MEDICAL UNIVERSITY 2,962,558
SARGENT, SHANE 2,962,190
SASAKI, HIROKI 2,962,551
SASOL PERFORMANCE CHEMICALS GMBH 2,956,954
SATO, NORIYUKI 2,962,558
SATO, YASUHIRO 2,962,233
SATOU, TOMOHIRO 2,962,198
SATOU, YUUSUKE 2,962,186
SAUDI ARABIAN OIL COMPANY 2,959,182
SAUVAGEAU, YVES 2,962,801
SAYA, JOHN 2,962,244
SCA HYGIENE PRODUCTS AB 2,959,211
SCHAAF, DANIEL SHANE 2,962,346
SCHAEDLER, AXEL 2,958,889
SCHAEFER, WOLFGANG 2,955,685
SCHAUS, SCOTT 2,962,218
SCHENCK, HUBERT WILLEM 2,951,788
SCHEPIS, ERIC A. 2,959,332
SCHERZ, GEORG 2,962,514
SCHIFFER-MANNIOUI, CECILE 2,950,381
SCHILLER, DOMINIC 2,952,858
SCHIMITZEK, PETER 2,956,289
SCHLAGE LOCK COMPANY LLC 2,962,571
SCHMID, MATHIEU 2,954,983
SCHMITT, FABIEN YANNICK 2,959,099
SCHNEIDER, ANDREA 2,962,950
SCHNEIDER, GERHARD 2,962,129
SCHNEIDER, KARL-HEINRICH 2,956,880
SCHOONEBEEK, RONALD JAN 2,953,891
SCHORR, PHILLIP A. 2,959,332
SCHOUTEN, MARCEL JOHANNES HENDRIKUS 2,962,389
SCHOWENGERDT, BRIAN T. 2,962,899
SCHULER, FRANCESCA 2,962,294
SCHULER, MICHAEL S. 2,962,804
SCHULTE, MARTIN 2,962,559
SCIALLA, STEFANO 2,959,071
SCICLONE PHARMACEUTICALS, INC. 2,962,451
SCOTT TECHNOLOGIES, INC. 2,962,773
SEBRECHT, PIERRE-ALAIN FRANCIS CLAUDE 2,959,879
SEGA, GIORGIO FRANCESCO 2,961,215
SEGA, GIORGIO FRANCESCO 2,961,216
SEKISUI CHEMICAL CO., LTD. 2,962,377
SEKISUI CHEMICAL CO., LTD. 2,962,378
SELBY-PHAM, SOPHIE NGOC BICH 2,956,963
SENSUS SPECTRUM LLC 2,962,926
SERGUEEVA, ALLA V. 2,962,396
SERLEMITSOS JORDAN, KATERINA 2,962,097
SEVERIN, INDIA C. 2,953,018
SEWONCELLONTECH CO., LTD. 2,962,653
SHADECK, LOUIS M. 2,959,724
SHAH, KARTIK KIRAN 2,962,400
SHAH, SHON KIRAN 2,962,595
SHAMS, QAMAR A. 2,962,705
SHARMA, VIRENDER K. 2,962,417
SHEFCO CO., LTD. 2,962,376
SHEHATA, HANAN 2,962,097
SHEKUNOVA, ELENA VASILYEVNA 2,958,795
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,951,788
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,952,900
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,953,039
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,953,891
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,954,409
SHENG, WANQIANG 2,962,757
SHERWOOD, WALTER, J. 2,962,602
SHIA, KAK-SHAN 2,962,329
SHIINA, JUNICHI 2,954,228
SHINOZAKI, TAEKO 2,962,795
SHIONOGI & CO., LTD. 2,962,186
SHIPLEY, KENTON ALLEN 2,961,215
SHIPLEY, KENTON ALLEN 2,961,216
SHIPMAN, MICHAEL 2,962,437
SHIPMAN, MICHAEL 2,962,443
SHORE, COLIN A. 2,962,700
SHORESOX SYSTEMS, LLC 2,962,346
SHOREY, ANTHONY WILLIAM 2,953,378
SHORT, MATTHEW A. 2,962,583
SICOLI, JOHN 2,962,662
SICPA HOLDING SA 2,954,983
SIDARAVICIUS, JONAS 2,962,712
SIEBEL, CHRISTIAN 2,952,315
SIEBEL, THOMAS M. 2,962,226
SIEGEL, DONALD L. 2,958,200
SIEGEL, DUSTIN 2,958,546
SIEMENS AKTIENGESELLSCHAFT 2,958,974
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,962,594
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,962,931
SIEMENS INDUSTRY, INC. 2,962,423
SIEMENS SCHWEIZ AG 2,962,804
SIEPE, ISABELLA 2,956,880
SIGNALFX, INC. 2,962,760
SILVA ZOLEZZI, IRMA 2,953,030
SINGH BIOTECHNOLOGY, LLC 2,962,275
SINGH, SUNANDA 2,962,275
SINTOKOGIO, LTD. 2,962,222
SIRCAR, AROOP 2,956,126
SIRIUS XM RADIO INC. 2,962,187
SKILLZ INC. 2,961,355

SKOTTY, BRIAN ROY 2,962,270
SKROBIS, KENNETH JAMES 2,953,391
SKUBICH, ALEXIS 2,959,216
SMITH, DAVID HENRY 2,959,021
SMITH, MARK 2,962,770
SMITH, REGINALD DONOVAN 2,954,096
SMITH, YALE 2,962,925
SMITHS DETECTION-WATFORD LIMITED 2,956,238
SMOOT, CARISSA 2,958,155
SMURFIT KAPPA CELLULOSE DU PIN 2,953,870
SOANE, DAVID S. 2,962,950
SOCIETE POUR LA CONCEPTION DES APPLICATIONS DES TECHNIQUES ELECTRONIQUES 2,961,969
SODE, KATSUYA 2,962,735
SODE, KATSUYA 2,962,740
SOLSTAD, TERESE 2,956,853
SOLVAY SA 2,958,793
SOLVAY SA 2,958,950
SOMA, KAORI 2,962,795
SOMANI, HANIFF 2,962,576
SONDERMANN, PETER 2,957,850
SONG, HO-JUHN 2,962,914
SONG, JOO 2,957,107
SOUCY INTERNATIONAL INC. 2,962,801
SOUS LES FRAISES SAS 2,961,734
SOUTH EAST WATER CORPORATION 2,962,285
SPEECH PROCESSING SOLUTIONS GMBH 2,962,129
SPEX SERVICES LIMITED 2,961,996
SPEZIA, RICCARDO 2,959,110
SPINK, EDWARD 2,962,431
SPOOKFISH INNOVATIONS PTY LTD 2,962,464
SPRENKLE, VINCENT L. 2,958,909
SPROTE, PETRA 2,956,880
SPS MEDICAL SUPPLY CORP. 2,962,435
SRINIVASAN, SRIDHARAN 2,959,225
ST. JOHN, MAXIMUS G. 2,962,620
ST. JUDE MEDICAL SYSTEMS AB 2,959,205
STAIR, TODD ANTHONY 2,962,196
STANENAS, ADAM J. 2,958,637
STANKE, MARIANNE J. 2,962,294
STARR, AMANDA ELIZABETH 2,962,802
STARR, DAVID 2,962,368
STAUBER, WILLIAM SCOTT 2,961,215
STAUBER, WILLIAM SCOTT 2,961,216
STAUDINGER, PETER 2,962,042
STEELHAUS TECHNOLOGIES INC. 2,962,190
STEHR, PETER BERNHARD 2,953,188
STEINMAN, AARON 2,962,102
STERN, ANDREW 2,962,278
STEWART, NIKOLAS S. 2,962,700
STINTZI, ALAIN 2,962,802
STOFFNER, FELIX 2,958,788
STOKS, ELMO BENSON 2,962,678
STORA ENSO OYJ 2,962,711
STORA ENSO OYJ 2,962,712
STREIN, KLAUS 2,955,685
STRING, GREGORY F. 2,962,448
STROUD, IAN ANTHONY 2,962,213
STROZEWSKI, MICHAEL B. 2,962,423
STRUL, BRUNO 2,962,893
SUEZ INTERNATIONAL 2,957,364
SUGAHARA, TORU 2,962,735
SUGAHARA, TORU 2,962,740
SUGIMOTO, SHIN 2,962,624
SUH, BYUNG-CHUL 2,962,914
SUH, DONG SAM 2,962,653
SUMITOMO DAINIPPON PHARMA CO., LTD. 2,962,630
SUMITOMO ELECTRIC INDUSTRIES, LTD. 2,962,913
SUN, DAWEN 2,962,660
SUN, LE 2,953,149
SUN, XIAO 2,962,701
SUNAGA, SYUICHI 2,962,726
SUPPREMOL GMBH 2,957,850
SURAGANI, NAGA VENKATA SAI RAJASEKHAR 2,962,197
SUTIVISEDSAK, NONGNUCH 2,962,805
SUWA, KEI 2,962,248
SUZUKI, KEISUKE 2,962,795
SUZUKI, TAKEYUKI 2,962,637
SUZUKI, TAMOTSU 2,962,233
SUZUKI, YUUKI 2,962,628
SVANERUDH, JOHAN 2,959,205
SWEENY, PHILIP 2,959,052
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,962,652
SYNERZ MEDICAL, INC. 2,962,417
SYRACUSE UNIVERSITY 2,962,291
SZOKA, FRANCIS C., JR. 2,962,709
T.A., DEVAGNANAM 2,954,334
TAARNING, ESBEN 2,951,779
TAARNING, ESBEN 2,952,535
TABOR, GIRMA 2,954,426
TACKETT, APRIL J. 2,957,107
TAESCHLER, CHRISTOPH 2,953,019
TAG TEAM (WORLD) MALTA LIMITED 2,962,775
TAHA, ASHRAF 2,962,192
TAIT, BRADLEY 2,952,862
TAIT, BRENDON 2,962,516
TAKAHASHI, HIROO 2,962,551
TAKAHASHI, KENGO 2,962,384
TAKAHASHI, KENGO 2,962,386
TAKAKUWA YASUTOMO 2,962,180
TAKANE, TOMOYUKI 2,962,637
TAKEUCHI, TSUNEHARU 2,953,526
TALBOT, COREY 2,962,645
TALUSAN, GEORGE 2,962,237
TAMADA, KOJI 2,962,375
TAN, BARRIE 2,962,900
TANAKA, AGAMU 2,962,912
TANAKA, HIROMU 2,962,913
TANAKA, SATOSHI 2,962,630
TANAKA, SHIGENORI 2,962,651
TANG, XIANGWEI 2,962,660
TANIMURA, RYUJI 2,962,730
TANIMURA, YASUAKI 2,962,735
TANNEN, ROBERT 2,959,706
TARNAVSKI, TIHOMIR 2,955,838
TATA STEEL IJMUIDEN B.V. 2,959,096
TATSUMI RYOKI CO., LTD 2,962,908
TAYLOR, JEFFREY 2,962,594
TAYLOR, JIMMY 2,958,788
TAYLOR, ROBERT WARREN 2,958,325
TAYLOR, ROBIN 2,962,810
TAYLOR, STEPHEN 2,956,238
TEDFORD, RICHARD A., JR. 2,954,062
TEIJIN LIMITED 2,962,750
TEKOLSTE, ROBERT DALE 2,962,899
TEL HASHOMER MEDICAL RESEARCH INFRASTRUCTURE AND SERVICES LTD. 2,962,718
TELEDYNE INSTRUMENTS, INC. 2,962,404
TELEPERFORMANCE SE 2,959,995
TELFER, GEORGE 2,962,416
TELOIP INC. 2,962,185
TEMPLE, KENNETH DARRELL, JR. 2,959,021
TEPHA, INC. 2,958,747
TESTERO, SEBASTIAN 2,962,431
TEW, LOGAN J. 2,962,396
THALES 2,959,711
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,962,255
THE CHAMBERLAIN GROUP, INC. 2,962,270
THE CHARLES STARK DRAPER LABORATORY, INC. 2,956,689
THE CHUGOKU ELECTRIC POWER CO., INC. 2,962,544
THE CLEVELAND CLINIC FOUNDATION 2,962,424
THE GILLETTE COMPANY LLC 2,953,378
THE GILLETTE COMPANY LLC 2,953,391
THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC. 2,962,593
THE LUBRIZOL CORPORATION 2,959,142
THE NANOSTEEL COMPANY, INC. 2,962,396
THE PROCTER & GAMBLE COMPANY 2,959,071
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,952,315
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,962,782
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,962,921

THE SCRIPPS RESEARCH INSTITUTE 2,962,922
THE SECANT GROUP, LLC 2,958,155
THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED 2,962,525
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,958,200
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,962,799
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES 2,954,762
THE UNIVERSITY OF AKRON 2,962,442
THE UNIVERSITY OF BRITISH COLUMBIA 2,962,655
THERKELSEN, FRANS DENNIS 2,951,794
THINES, ECKHARD 2,956,880
THIRUMALA, SREEDHAR 2,962,239
THOMAS, DYLAN CHANDLER 2,962,631
THOMAS, MATT 2,959,706
THOMMEN, QUENTIN 2,957,350
THOMPSON, BENJAMIN 2,962,278
THOMSON, WILLIAM ANDERSON MCCOLL 2,957,816
THRELKELD, ELIZABETH FAY 2,961,215
THRELKELD, ELIZABETH FAY 2,961,216
THUUZ, INC. 2,959,865
THUUZ, INC. 2,959,866
TIAN, HUA 2,952,315
TIETZ, ALBERT JOHN 2,962,188
TIMMS, KIRSTEN 2,958,801
TINKL, MICHAEL 2,953,632
TITOV, MIKHAIL IVANOVICH 2,958,795
TOJI, SHINGO 2,962,558
TOKUNAGA, TAISHI 2,953,526
TOMA, TADAMASA 2,962,909
TOMAZ, CARLOS 2,952,900
TOMIO, YUSAKU 2,962,210
TOMIO, YUSAKU 2,962,216
TONKS, NICHOLAS 2,962,406
TOOR, JORDAN 2,959,866
TORAY INDUSTRIES, INC. 2,962,233
TORAY INDUSTRIES, INC. 2,962,379
TORAY INDUSTRIES, INC. 2,962,730
TORAY INDUSTRIES, INC. 2,962,735
TORAY INDUSTRIES, INC. 2,962,740
TORAY INDUSTRIES, INC. 2,962,745
TORIGOE, TOSHIHIKO 2,962,558
TORRES MUNOZ, JORDI MIQUEL 2,954,575
TORRES SERVICIOS TECNICOS, S.L. 2,954,575
TORUS TECH LLC 2,962,686
TOYOTA, TAKASHI 2,962,186
TREIZEBRE, ANTHONY 2,957,350
TRENTO, FABIO 2,959,110
TRIVEDI, HIREN K. 2,962,442
TROVATI MACIEL, THIAGO 2,952,898
TRUCK-LITE CO., LLC 2,962,588
TSOU, LUN, KELVIN 2,962,329
TSUCHIDA, MASAYOSHI 2,962,248
TSUJI, HARUHIKO 2,962,233
TSUJI, TOMOAKI 2,962,726
TU, XIAO 2,961,254
TURPAULT, MATHIEU 2,959,706
TUSKER MEDICAL, INC. 2,957,416
TUTHILL, CYNTHIA 2,962,451
TUTTLE, RANDALL DWAINE 2,959,021
TWO PORE GUYS, INC. 2,962,234
TYCO SAFETY PRODUCTS CANADA LTD. 2,962,522
U.S.A., AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS 2,962,705
UBE INDUSTRIES, LTD. 2,962,744
UBIOME, INC. 2,962,466
UCAR EMULSION SYSTEMS FZE 2,962,473
UEDA, YASUSI 2,962,724
UEHARA, TOSHIHIRO 2,962,651
UENO, TATSUHIKO 2,962,186
UGSI CHEMICAL FEED, INC. 2,962,438
UMANA, PABLO 2,955,685
UNGUREANU, IOANA MARIA 2,954,746
UNIVERSITE DE BORDEAUX 2,953,870
UNIVERSITE PARIS DESCARTES 2,952,898
UNIVERSITE PARIS DIDEROT - PARIS 7 2,952,898
UNIVERSITE PARIS-SUD 2,952,898
UNIVERSITETET I TROMSO - NORGES ARKTISKE UNIVERSITET 2,956,853
UNIVERSITY OF CAPE TOWN 2,962,525
UNIVERSITY OF CINCINNATI 2,962,340
UNIVERSITY OF GUELPH 2,962,097
UNIVERSITY OF NOTRE DAME DU LAC 2,962,431
UNIVERSITY OF OTTAWA 2,962,802
UNIVERSITY OF WATERLOO 2,962,296
UNO, TAKUMEI 2,962,377
UPPARA, PARASUVEERA 2,954,597
URADE, VIKRANT NANASAHEB 2,953,039
URBANO, MARIANGELA 2,962,922
USHIDATE, TOSHIYUKI 2,962,382
UTI LIMITED PARTNERSHIP 2,962,297
UTI LIMITED PARTNERSHIP 2,962,468
UTSUNOMIYA, MASAMICHI 2,962,735
UTSUNOMIYA, MASAMICHI 2,962,740
VADEKAR, ASHOK 2,962,187
VALKAMA, KARI 2,959,113
VALMET TECHNOLOGIES OY 2,961,867
VALSPAR SOURCING, INC. 2,962,425
VAN ALLEN, MICHELLE 2,955,483
VAN ALLEN, MICHELLE 2,955,828
VAN ALLEN, MICHELLE M. 2,962,199
VAN BOEYEN, ROGER 2,959,133
VAN DER WAAL, PIETER HENDRIK 2,959,212
VAN OMMEREN, ESTHER 2,954,746
VAN WIJHE BEHEER B.V. 2,959,212
VAN WIJHE, MARIE LOUISE 2,959,212
VAN, NGA K. 2,957,416
VANACKER, PASCAL 2,955,464
VANADIS DIAGNOSTICS 2,956,883
VANDERBILT UNIVERSTIY 2,962,426
VASUDEVAN, SUNDAR RAJ DORE 2,962,571
VEMISHETTI, KAVITA 2,952,916
VENDEKEMP, GERRIT 2,962,600
VEOLIA WATER TECHNOLOGIES, INC. 2,958,071
VERHAAK, MICHIEL JOHANNES FRANCISCUS MARIA 2,953,891
VERMEULEN, ALLAN HENRY 2,960,988
VESUCTA APS 2,962,497
VIERTELHAUS, MARTIN 2,952,896
VILLAREAL-GARZA, PROCOPIO 2,962,581
VITI, FRANCESCA 2,952,897
VIVOSONIC INC. 2,962,102
VLATIS, ROULA 2,958,521
VOLKMANN, ROBERT A. 2,962,569
VON BERTOUCH, MICHAEL 2,962,464
VOSKUHL, RHONDA R. 2,962,921
VOSS, STEFFEN 2,958,788
VOVOS, ROBERT J. 2,962,409
VU, MINH DIEM 2,955,685
VUHOLM, JESPER AGARD 2,957,976
VUONG, THANH VINH 2,962,652
W.L. GORE & ASSOCIATES GMBH 2,962,391
W.L. GORE & ASSOCIATES, CO., LTD. 2,962,637
W.L. GORE & ASSOCIATES, INC. 2,962,391
WACHTER-STEHLE, IRINA 2,960,457
WACKER CHEMIE AG 2,962,511
WADA, YUSUKE 2,962,729
WAGNER, MARC 2,954,447
WAGNER, TIMOTHY ALLEN 2,962,631
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WAGNER, TIMOTHY ALLEN 2,962,634
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